

Control Cabinets, Consumer Units, Terminal Boxes



For small Enterprises, Home and House Building



ONLINE SHOPPING!

In the office or on the road with the Live Phone App

INCL. AVAILABILITY INFORMATION



Ex stock

General Information

TOP WAREHOUSE MANAGEMENT IN OUR DISTRIBUTION CENTRE NEAR VIENNA

The new Schrack distribution centres is located just outside Vienna. The prominent appearance of the building with its unmistakable Schrack design highlights all product characteristics which are handled logistically in its interior. We consider availability the number 1 factor for your economic and business success!

- Over 12,000m² indoor storage space and an outdoor cable storage space of 2,500m²
- More than 15,000 items are stored ready for shipping
- Professional warehouse management by our top-trained staff



Look out for the icon signalling prompt availability for delivery

GENERAL INFORMATION

- All **dimensioned drawings** are displayed within the confines of available space on the page and are only intended as a guide.
- All **circuit diagrams** are schematic wiring diagrams which are intended to allow better understanding of the function, and will need to be edited/added to during the course of project planning.
- All **images** represent samples of the product and are intended for information purposes only.

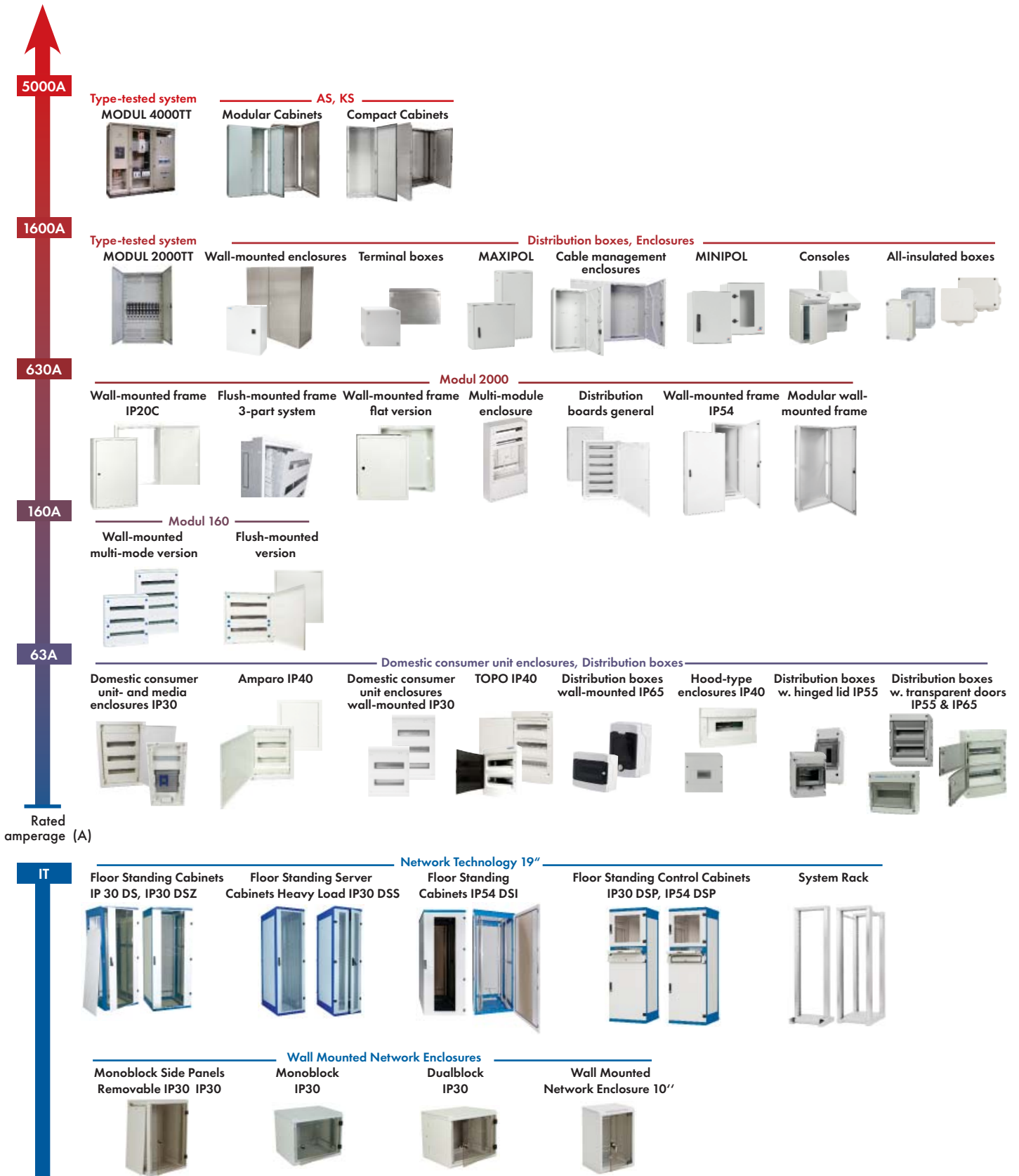
Unless otherwise stipulated, the current version of the General Terms of Delivery issued by The Association of the Austrian Electrical and Electronics Industries "FEEI" shall apply. You can find a copy of these at the end of this catalogue.

No liability for errors in text, type or images; we reserve the right to make changes to technical specifications of the product range.

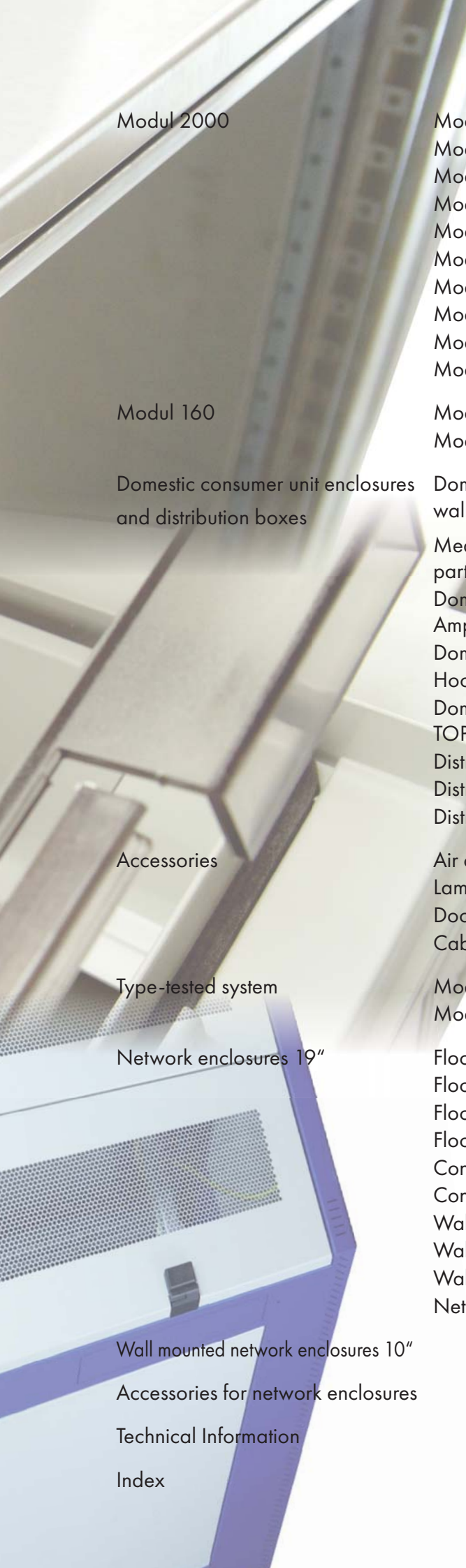
The user information contained in this catalogue reflect the opinion of the company at the time of writing. The information contained in it was assembled on the basis of published norms, specialist industry presentations, specialist literature and in-house expertise. The content is for informational purposes only and has no validity in law.

Standard enclosures

SCHRACK standard enclosures are robust and reliable enclosures for use in industrial, enterprise or network environments. The multi-purpose design of our enclosures makes them suitable for all types of electrical installations and electromechanical applications. Electrical enclosures are normally used to install electrical or electronic modules. The simplest models are equipped only with terminals for easy and tidy connection of the electrical components of the installed system and may include control electronics and low-voltage switchgear. Depending on the intended use, electrical enclosures are made of painted or powder-coated sheet steel, synthetic materials (e.g. for outdoor installations) or for corrosive environments or pharmaceutical and food-processing applications-stainless steel.







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MODUL

SCHRACK
TECHNIK

*„If you wish to preserve your secret,
wrap it up in frankness.“*

Alexander Smith



2000



Distribution enclosure system Modul 2000 – General information



SCHRACK-INFO

- Modular distribution board in rugged folded sheet steel construction
- Wall mounted, flush mounted and doorless distribution/ metering enclosures can be designed individually
- Optimal plaster compensation via super-flat flush-mounting frame
- 300 mm and 400 mm deep surface-mounted distribution board from 3 A/39 module heights
- Module frame can be attached to a swivel-arm and inserted after mounting
- Front plates in sheet steel or plastic with fast-mounting latch to cover 45mm circuit protection devices or rail-mounted modules
- Can be equipped with sheet steel or plastic front plates
- 6 different mounting depths for DIN rails possible
- Door can optionally be hinged left or right
- Can be used as meter distribution enclosure with up to 15 meter panels
- Reinforced fold-out wall box suitable for distribution board retrofitting
- Cable entry slit with cover is standard for surface-mounted distribution boards (for 2-5 module-wide and 21-33 module-high enclosures the cable entry is on one side, starting from 39 module heights it is both on top and bottom), each entry sealed with sponge rubber
- Standard version of door with quarter turn cam lock; available with 61005 lock or half-cylinder at an extra charge
- Double doors on 4 or 5 meter-panel wide distribution boards
- Doors larger than 3T-28 with 3-way rod lock and swing handle available on request
- Increments: 1 module height = 46 mm
1 meter panel width = 380 mm (1 UW)
2 meter panel widths = 590 mm (2 UW)
3 meter panel widths = 810 mm (3 UW)
4 meter panel widths = 1030 mm (4 UW)
5 meter panel widths = 1230 mm (5 UW)
- Modules/horizontal width MW = 17.8 mm
- Standard meter panel: 370x210x15 mm
- Wiring table included

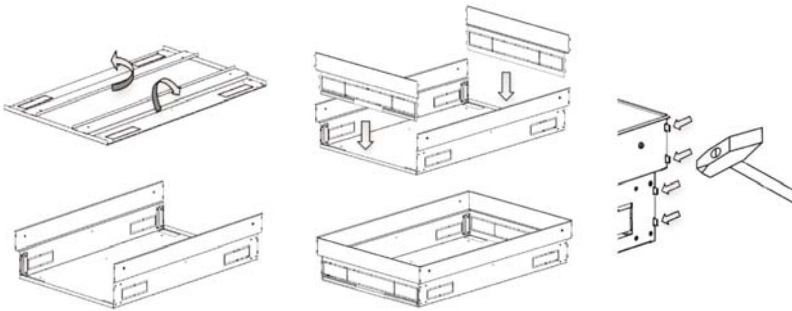
Technical Data

Enclosure:	Phosphated, plastic powder-coated sheet steel enclosure tested and certified according to EN 62208:2011 and EN 60529:1991 protection class I suitable for TT/TN and IT network form, protection insulated according to ÖVE-IM 12
Max. rated voltage:	230/400 V/50 Hz
Max. rated insulation voltage:	400 VAC
Protective earth connection:	Welded bolt M6, I ² t = 3,6 · 10 ⁶ A ² s
Ambient temperature:	-5 to +40° C
Relative humidity:	50% at 40° C
Max. allowed load capacity:	Use: 150 kg floor-mounted Use: 80 kg wall-mounted (without additional supports)
Door:	10 kg
Degree of protection:	IP20 according to ÖVE-EN 60529 with and without door IP 54 IK 08 according to EN 50102 EMV environment I
Colour:	Wall-mounted enclosure and multi-module enclosure: RAL 7035, flush-mounted: RAL 9016

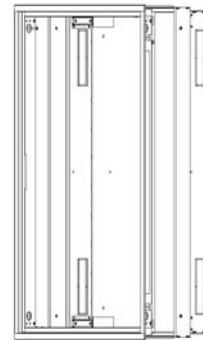
Distribution enclosure system Modul 2000 – Mounting



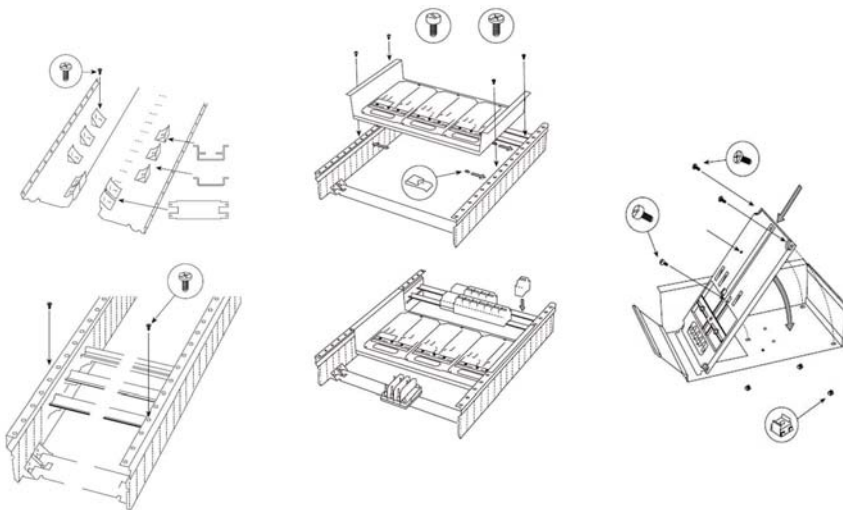
1. Assemble the wall box



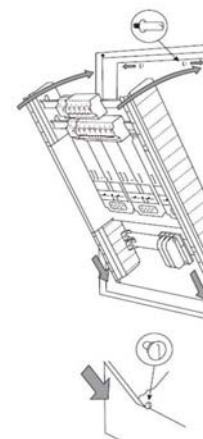
2. Incorporate the box



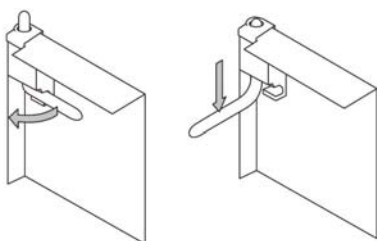
3. Assemble the insert



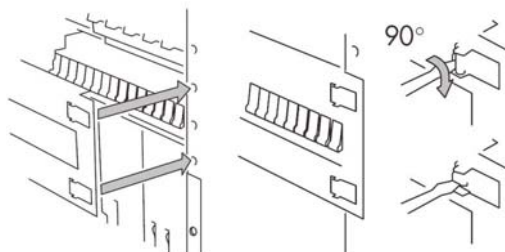
4. Incorporate the insert



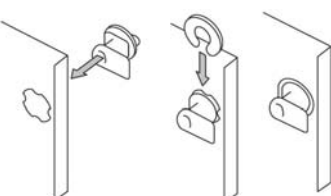
6. Door hinges



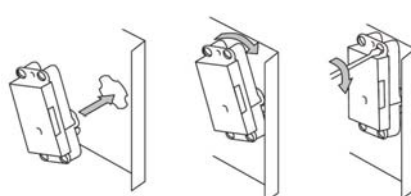
5. Front panel fixing



7. Plastic rotating sash lock

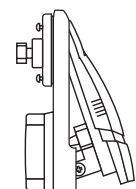


8. mounting cylinder e.g. 61005 lock



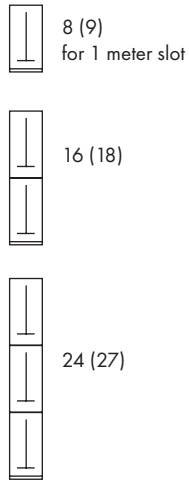
9. Half cylinder lock with swing handle for

Wall-mounted frame IP20
Depth 300mm IL036...
Depth 400mm IL009...
Wall-mounted frame IP54

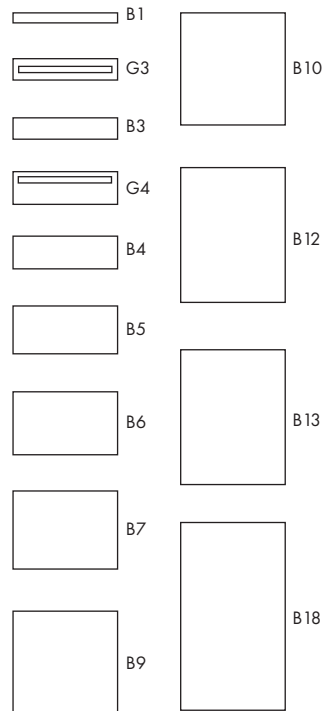


Distribution enclosure system Modul 2000 - Model code

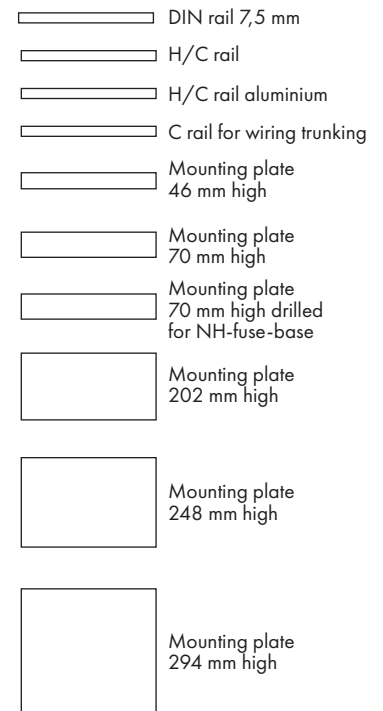
1-15 meter slots possible
8 (9) Modul heights per meter row



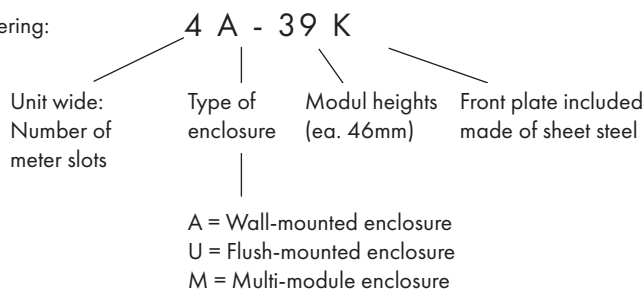
2-15 installation rows possible,
Front panels made of sheet steel or plastic



Mounting rails and mounting
plates made of sheet steel



Example for ordering:



IL172439AS



Distribution enclosure system Modul 2000 – Front panel

Distribution board		Maximum possible number of fittings				
Fully equipped with front plates		Installation row modul width				
Front plate		UW - meter panel width (210 mm) / MW - Modul width (17.8 mm)				
Sheet steel	Plastic	1 UW	2 UW	3 UW	4 UW	5 UW
K	L	13 MW	21 MW	33 MW	45 MW	57 MW

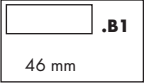
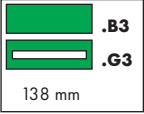
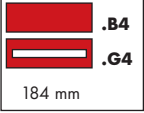
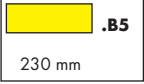
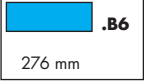
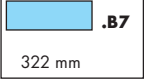
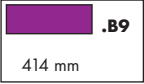
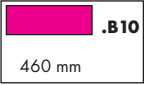
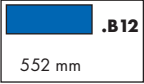
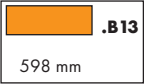
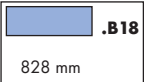
IR ... Number of possible installation row front plates

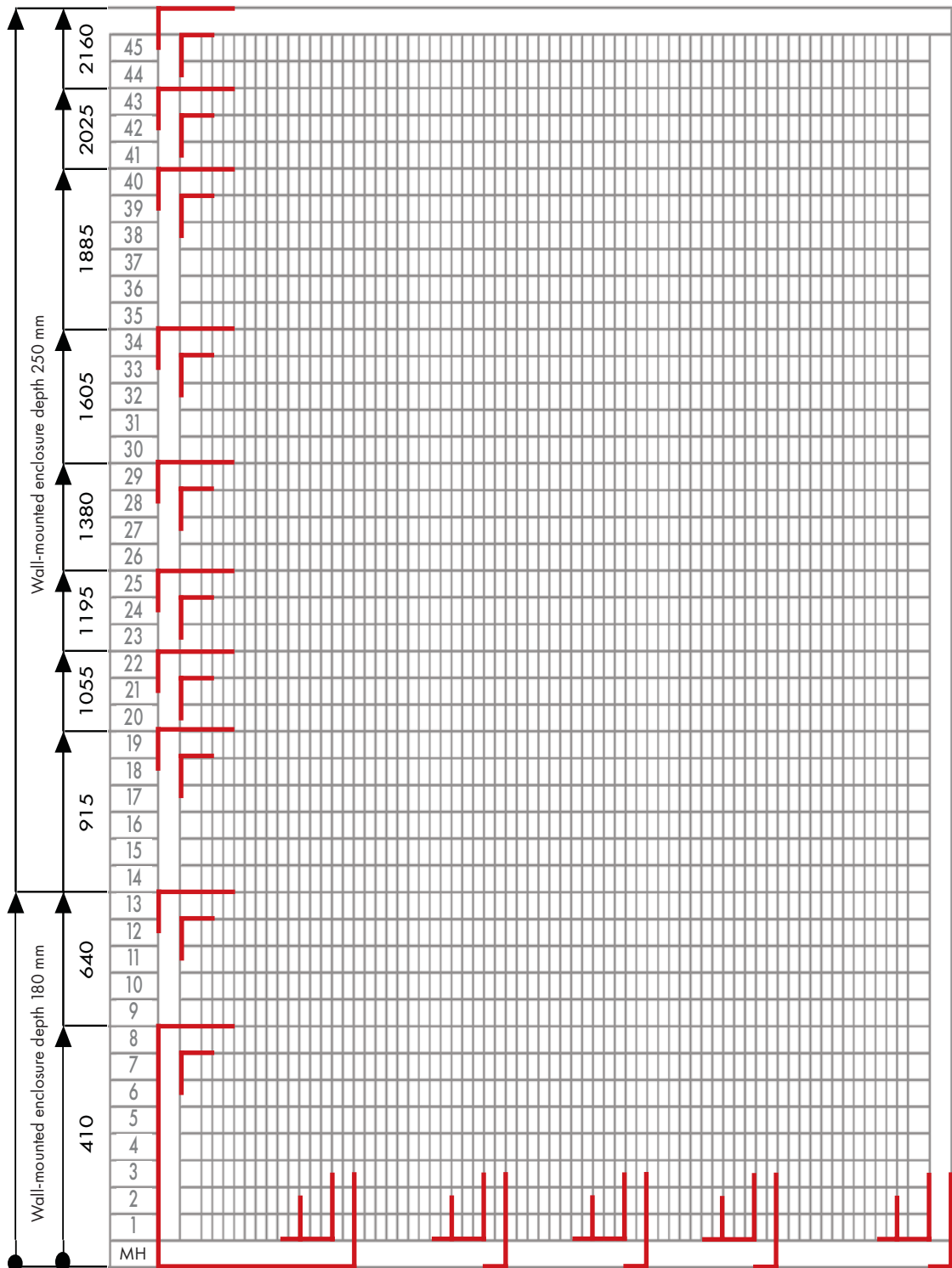
Distribution enclosure system Modul 2000 – Colour code for front plates made of sheet steel – K and Plastic – L

.B1	46 mm Blind front plate	.B7	322 mm Blind front plate
.B3	138 mm Blind front plate	.B9	414 mm Blind front plate
.G3	138 mm Slotted front plate	.B10	460 mm Blind front plate
.B4	184 mm Blind front plate	.B12	552 mm Blind front plate
.G4	184 mm Slotted front plate	.B13	598 mm Blind front plate (plastic only)
.B5	230 mm Blind front plate	.B18	828 mm Blind front plate
.B6	276 mm Blind front plate		

Distribution enclosure system Modul 2000 – Distribution board project planning sheet

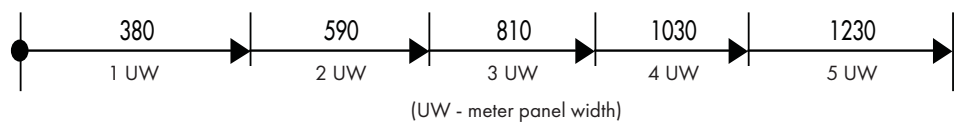
Blind/slotted front plates

-  **.B1**
46 mm
-  **.B3**
.G3
138 mm
-  **.B4**
.G4
184 mm
-  **.B5**
230 mm
-  **.B6**
276 mm
-  **.B7**
322 mm
-  **.B9**
414 mm
-  **.B10**
460 mm
-  **.B12**
552 mm
-  **.B13**
598 mm
-  **.B18**
828 mm



Scale 1:10

MH = Modul heights



Customer:	Type: <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/>	Delivery date:	Customisation:
.....	A = Wall-mounted enclosure U = Flush-mounted enclosure M = Multi-module enclosure	Delivery type:
Commission:			

Distribution boards - General



IL172XXXXX



IL172XXXXX



IL172XXXXX

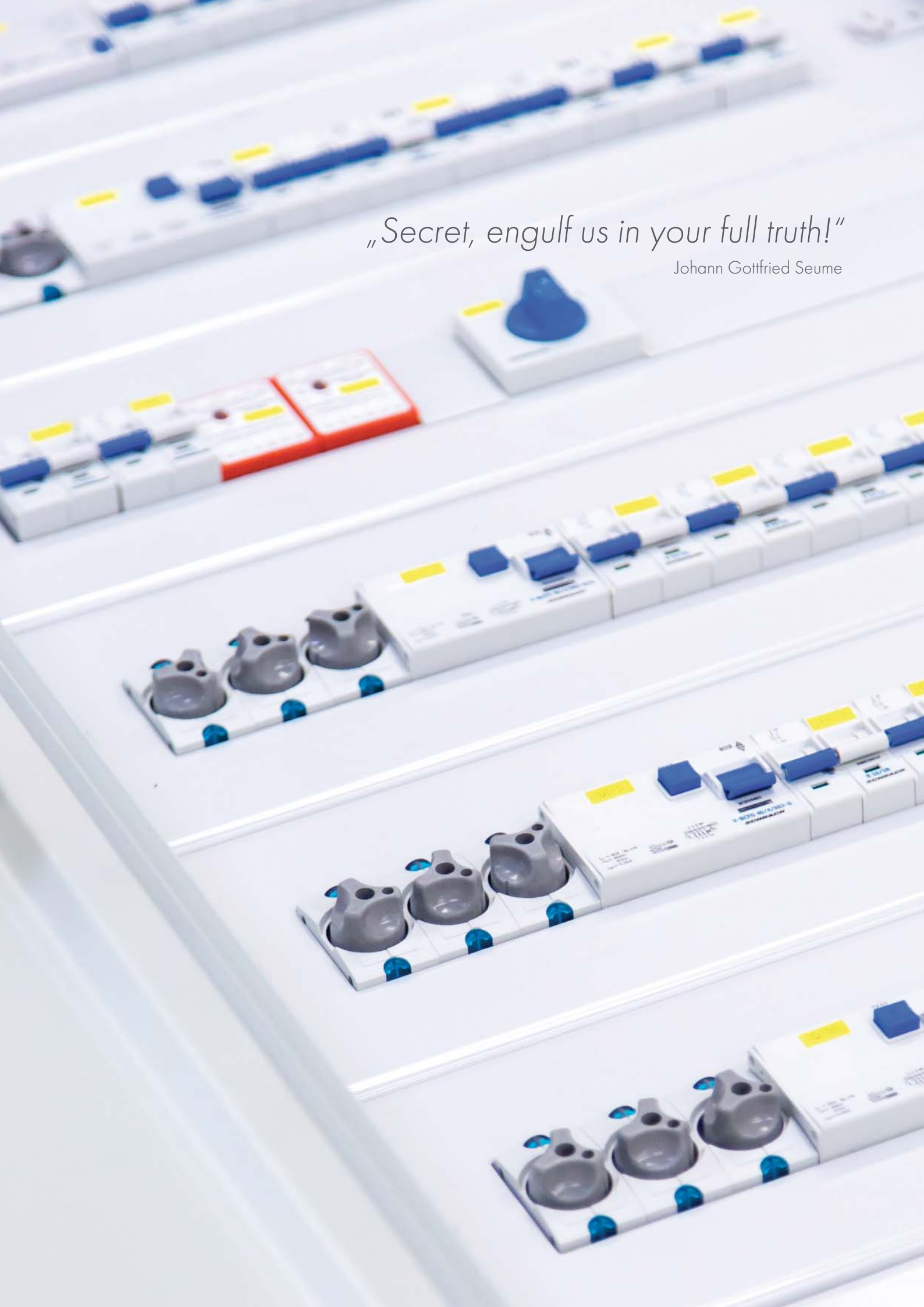


IL172XXXXX



Schrack-Info
























- Front plates in sheet steel or plastic available in 3 or 4 Modul-high enclosures with fast-mounting latch to cover 45mm circuit protection devices or rail-mounted modules
- Choice of pre-assembled distribution board enclosures with quick look-up table


















„Secret, engulf us in your full truth!“

Johann Gottfried Seume

Distribution boards – Front plate sheet steel

Modul heights	1 UNIT-WIDE ENCLOSURE 13 MW per front plate	2 UNIT-WIDE ENCLOSURE 21 MW per front plate	3 UNIT-WIDE ENCLOSURE 33 MW per front plate	Height (mm)*
4 IR 12	<p>1A-12 K IL172112AS 1U-12 K IL172112US 1M-12 K IL172112MS</p> <p>Wall-mounted frame IL006112-F Flush-mounted frame IL308112-F Multi-module enclosure frame IL078112-- Distribution board insert IL148112-- Wall box IL369112-F Rear panel IL042112-F</p> 	<p>2A-12 K IL172212AS 2U-12 K IL172212US 2M-12 K IL172212MS</p> <p>Wall-mounted frame IL006212-F Flush-mounted frame IL308212-F Multi-module enclosure frame IL078212-- Distribution board insert IL148212-- Wall box IL369212-F Rear panel IL042212-F</p> 	<p>3A-12 K IL172312AS 3U-12 K IL172312US 3M-12 K IL172312MS</p> <p>Wall-mounted frame IL006312-F Flush-mounted frame IL308312-F Multi-module enclosure frame IL078312-- Distribution board insert IL148312-- Wall box IL369312-F Rear panel IL042312-F</p> 	<p>T = 250 T = 250 T = 200 A = 640 A = 640 M = 595 E = 555 P = 630</p>
6 IR 18	<p>1A-18 K IL172118AS 1U-18 K IL172118US 1M-18 K IL172118MS</p> <p>Wall-mounted frame IL006118-F Flush-mounted frame IL308118-F Multi-module enclosure frame IL078118-- Distribution board insert IL148118-- Wall box IL369118-F Rear panel IL042118-F</p> 	<p>2A-18 K IL172218AS 2U-18 K IL172218US 2M-18 K IL172218MS</p> <p>Wall-mounted frame IL006218-F Flush-mounted frame IL308218-F Multi-module enclosure frame IL078218-- Distribution board insert IL148218-- Wall box IL369218-F Rear panel IL042218-F</p> 	<p>3A-18 K IL172318AS 3U-18 K IL172318US 3M-18 K IL172318MS</p> <p>Wall-mounted frame IL006318-F Flush-mounted frame IL308318-F Multi-module enclosure frame IL078318-- Distribution board insert IL148318-- Wall box IL369318-F Rear panel IL042318-F</p> 	<p>T = 250 T = 250 T = 200 A = 915 A = 915 M = 875 E = 830 P = 885</p>
7 IR 21	<p>1A-21 K IL172121AS 1U-21 K IL172121US 1M-21 K IL172121MS</p> <p>Wall-mounted frame IL006121-F Flush-mounted frame IL308121-F Multi-module enclosure frame IL078121-- Distribution board insert IL148121-- Wall box IL369121-F Rear panel IL042121-F</p> 	<p>2A-21 K IL172221AS 2U-21 K IL172221US 2M-21 K IL172221MS</p> <p>Wall-mounted frame IL006221-F Flush-mounted frame IL308221-F Multi-module enclosure frame IL078221-- Distribution board insert IL148221-- Wall box IL369221-F Rear panel IL042221-F</p> 	<p>3A-21 K IL172321AS 3U-21 K IL172321US 3M-21 K IL172321MS</p> <p>Wall-mounted frame IL006321-F Flush-mounted frame IL308321-F Multi-module enclosure frame IL078321-- Distribution board insert IL148321-- Wall box IL369321-F Rear panel IL042321-F</p> 	<p>T = 250 T = 250 T = 200 A = 1055 A = 1055 M = 1010 E = 970 P = 1025</p>
8 IR 24	<p>1A-24 K IL172124AS 1U-24 K IL172124US 1M-24 K IL172124MS</p> <p>Wall-mounted frame IL006124-F Flush-mounted frame IL308124-F Multi-module enclosure frame IL078124-- Distribution board insert IL148124-- Wall box IL369124-F Rear panel IL042124-F</p> 	<p>2A-24 K IL172224AS 2U-24 K IL172224US 2M-24 K IL172224MS</p> <p>Wall-mounted frame IL006224-F Flush-mounted frame IL308224-F Multi-module enclosure frame IL078224-- Distribution board insert IL148224-- Wall box IL369224-F Rear panel IL042224-F</p> 	<p>3A-24 K IL172324AS 3U-24 K IL172324US 3M-24 K IL172324MS</p> <p>Wall-mounted frame IL006324-F Flush-mounted frame IL308324-F Multi-module enclosure frame IL078324-- Distribution board insert IL148324-- Wall box IL369324-F Rear panel IL042324-F</p> 	<p>T = 250 T = 250 T = 200 A = 1195 A = 1195 M = 1150 E = 1105 P = 1165</p>
9 IR 28	<p>1A-28 K IL172128AS 1U-28 K IL172128US 1M-28 K IL172128MS</p> <p>Wall-mounted frame IL006128-F Flush-mounted frame IL308128-F Multi-module enclosure frame IL078128-- Distribution board insert IL148128-- Wall box IL369128-F Rear panel IL042128-F</p> 	<p>2A-28 K IL172228AS 2U-28 K IL172228US 2M-28 K IL172228MS</p> <p>Wall-mounted frame IL006228-F Flush-mounted frame IL308228-F Multi-module enclosure frame IL078228-- Distribution board insert IL148228-- Wall box IL369228-F Rear panel IL042228-F</p> 	<p>3A-28 K IL172328AS 3U-28 K IL172328US 3M-28 K IL172328MS</p> <p>Wall-mounted frame IL006328-F Flush-mounted frame IL308328-F Multi-module enclosure frame IL078328-- Distribution board insert IL148328-- Wall box IL369328-F Rear panel IL042328-F</p> 	<p>T = 250 T = 250 T = 200 A = 1380 A = 1380 M = 1335 E = 1290 P = 1350</p>
11 IR 33		<p>2A-33 K IL172233AS 2U-33 K IL172233US 2M-33 K IL172233MS</p> <p>Wall-mounted frame IL006233-F Flush-mounted frame IL308233-F Multi-module enclosure frame IL078233-- Distribution board insert IL148233-- Wall box IL369233-F Rear panel IL042233-F</p> 	<p>3A-33 K IL172333AS 3U-33 K IL172333US 3M-33 K IL172333MS</p> <p>Wall-mounted frame IL006333-F Flush-mounted frame IL308333-F Multi-module enclosure frame IL078333-- Distribution board insert IL148333-- Wall box IL369333-F Rear panel IL042333-F</p> 	<p>T = 250 T = 250 T = 200 A = 1605 A = 1605 M = 1565 E = 1520 P = 1575</p>
13 IR 39		<p>2A-39 K IL172239AS 2U-39 K IL172239US 2M-39 K IL172239MS</p> <p>Wall-mounted frame IL006239-F Flush-mounted frame IL308239-F Multi-module enclosure frame IL078239-- Distribution board insert IL148239-- Wall box IL369239-F Rear panel IL042239-F</p> 	<p>3A-39 K IL172339AS 3U-39 K IL172339US 3M-39 K IL172339MS</p> <p>Wall-mounted frame IL006339-F Flush-mounted frame IL308339-F Multi-module enclosure frame IL078339-- Distribution board insert IL148339-- Wall box IL369339-F Rear panel IL042339-F</p> 	<p>T = 250 T = 250 T = 200 A = 1885 A = 1885 M = 1855 E = 1795 P = 1885</p>
14 IR 42		<p>2A-42 K IL172242AS 2U-42 K IL172242US 2M-42 K IL172242MS</p> <p>Wall-mounted frame IL006242-F Flush-mounted frame IL308242-F Multi-module enclosure frame IL078242-- Distribution board insert IL148242-- Wall box IL369242-F Rear panel IL042242-F</p> 	<p>3A-42 K IL172342AS 3U-42 K IL172342US 3M-42 K IL172342MS</p> <p>Wall-mounted frame IL006342-F Flush-mounted frame IL308342-F Multi-module enclosure frame IL078342-- Distribution board insert IL148342-- Wall box IL369342-F Rear panel IL042342-F</p> 	<p>T = 250 T = 250 T = 200 A = 2025 A = 2025 M = 1995 E = 1935 P = 1995</p>
15 IR 45		<p>2A-45 K IL172245AS 2U-45 K IL172245US 2M-45 K IL172245MS</p> <p>Wall-mounted frame IL006245-F Flush-mounted frame IL308245-F Multi-module enclosure frame IL078245-- Distribution board insert IL148245-- Wall box IL369245-F Rear panel IL042245-F</p> 	<p>3A-45 K IL172345AS 3U-45 K IL172345US 3M-45 K IL172345MS</p> <p>Wall-mounted frame IL006345-F Flush-mounted frame IL308345-F Multi-module enclosure frame IL078345-- Distribution board insert IL148345-- Wall box IL369345-F Rear panel IL042345-F</p> 	<p>T = 250 T = 250 T = 200 A = 2160 A = 2160 M = 2130 E = 2070 P = 2130</p>
Width (mm)*	<p>Outer dimensions flush/wall = 380 Outer dimension multi-module = 330 Distribution board insert = 290 Solid wall cutout = 370</p>	<p>Outer dimensions flush/wall = 590 Outer dimension multi-module = 540 Distribution board insert = 500 Solid wall cutout = 580</p>	<p>Outer dimensions flush/wall = 810 Outer dimension multi-module = 760 Distribution board insert = 720 Solid wall cutout = 800</p>	
























Modul heights	4 UNIT-WIDE ENCLOSURE 45 MW per front plate	5 UNIT-WIDE ENCLOSURE 57 MW per front plate	Height (mm)*
4 IR 12	 <p>4A-12 K IL172412AS 4U-12 K IL172412US 4M-12 K IL172412MS</p> <p>Wall-mounted frame IL006412-F Flush-mounted frame IL308412-F Multi-module enclosure frame IL078412-- Distribution board insert IL148412-- Wall box IL369412-F Rear panel IL042412-F</p>		T = 250 T = 250 T = 200 A = 640 A = 640 M = 595 E = 555 P = 630
6 IR 18	 <p>4A-18 K IL172418AS 4U-18 K IL172418US 4M-18 K IL172418MS</p> <p>Wall-mounted frame IL006418-F Flush-mounted frame IL308418-F Multi-module enclosure frame IL078418-- Distribution board insert IL148418-- Wall box IL369418-F Rear panel IL042418-F</p>		T = 250 T = 250 T = 200 A = 915 A = 915 M = 875 E = 830 P = 885
7 IR 21	 <p>4A-21 K IL172421AS 4U-21 K IL172421US 4M-21 K IL172421MS</p> <p>Wall-mounted frame IL006421-F Flush-mounted frame IL308421-F Multi-module enclosure frame IL078421-- Distribution board insert IL148421-- Wall box IL369421-F Rear panel IL042421-F</p>		T = 250 T = 250 T = 200 A = 1055 A = 1055 M = 1010 E = 970 P = 1025
8 IR 24	 <p>4A-24 K IL172424AS 4U-24 K IL172424US 4M-24 K IL172424MS</p> <p>Wall-mounted frame IL006424-F Flush-mounted frame IL308424-F Multi-module enclosure frame IL078424-- Distribution board insert IL148424-- Wall box IL369424-F Rear panel IL042424-F</p>	 <p>5A-24 K IL172524AS 5U-24 K IL172524US 5M-24 K IL172524MS</p> <p>Wall-mounted frame IL006524-F Flush-mounted frame IL308524-F Multi-module enclosure frame IL078524-- Distribution board insert IL148524-- Wall box IL369524-F Rear panel IL042524-F</p>	T = 250 T = 250 T = 200 A = 1195 A = 1195 M = 1150 E = 1105 P = 1165
9 IR 28	 <p>4A-28 K IL172428AS 4U-28 K IL172428US 4M-28 K IL172428MS</p> <p>Wall-mounted frame IL006428-F Flush-mounted frame IL308428-F Multi-module enclosure frame IL078428-- Distribution board insert IL148428-- Wall box IL369428-F Rear panel IL042428-F</p>	 <p>5A-28 K IL172528AS 5U-28 K IL172528US 5M-28 K IL172528MS</p> <p>Wall-mounted frame IL006528-F Flush-mounted frame IL308528-F Multi-module enclosure frame IL078528-- Distribution board insert IL148528-- Wall box IL369528-F Rear panel IL042528-F</p>	T = 250 T = 250 T = 200 A = 1380 A = 1380 M = 1335 E = 1290 P = 1350
11 IR 33	 <p>4A-33 K IL172433AS 4U-33 K IL172433US 4M-33 K IL172433MS</p> <p>Wall-mounted frame IL006433-F Flush-mounted frame IL308433-F Multi-module enclosure frame IL078433-- Distribution board insert IL148433-- Wall box IL369433-F Rear panel IL042433-F</p>	 <p>5A-33 K IL172533AS 5U-33 K IL172533US 5M-33 K IL172533MS</p> <p>Wall-mounted frame IL006533-F Flush-mounted frame IL308533-F Multi-module enclosure frame IL078533-- Distribution board insert IL148533-- Wall box IL369533-F Rear panel IL042533-F</p>	T = 250 T = 210 T = 200 A = 1605 A = 1605 M = 1565 E = 1520 P = 1575
13 IR 39	 <p>4A-39 K IL172439AS 4U-39 K IL172439US 4M-39 K IL172439MS</p> <p>Wall-mounted frame IL006439-F Flush-mounted frame IL308439-F Multi-module enclosure frame IL078439-- Distribution board insert IL148439-- Wall box IL369439-F Rear panel IL042439-F</p>	 <p>5A-39 K IL172539AS 5U-39 K IL172539US 5M-39 K IL172539MS</p> <p>Wall-mounted frame IL006539-F Flush-mounted frame IL308539-F Multi-module enclosure frame IL078539-- Distribution board insert IL148539-- Wall box IL369539-F Rear panel IL042539-F</p>	T = 250 T = 250 T = 200 A = 1885 A = 1885 M = 1855 E = 1795 P = 1885
14 IR 42	 <p>4A-42 K IL172442AS 4U-42 K IL172442US 4M-42 K IL172442MS</p> <p>Wall-mounted frame IL006442-F Flush-mounted frame IL308442-F Multi-module enclosure frame IL078442-- Distribution board insert IL148442-- Wall box IL369442-F Rear panel IL042442-F</p>	 <p>5A-42 K IL172542AS 5U-42 K IL172542US 5M-42 K IL172542MS</p> <p>Wall-mounted frame IL006542-F Flush-mounted frame IL308542-F Multi-module enclosure frame IL078542-- Distribution board insert IL148542-- Wall box IL369542-F Rear panel IL042542-F</p>	T = 250 T = 250 T = 200 A = 2025 A = 2025 M = 1995 E = 1935 P = 1995
15 IR 45	 <p>4A-45 K IL172445AS 4U-45 K IL172445US 4M-45 K IL172445MS</p> <p>Wall-mounted frame IL006445-F Flush-mounted frame IL308445-F Multi-module enclosure frame IL078445-- Distribution board insert IL148445-- Wall box IL369445-F Rear panel IL042445-F</p>	 <p>5A-45 K IL172545AS 5U-45 K IL172545US 5M-45 K IL172545MS</p> <p>Wall-mounted frame IL006545-F Flush-mounted frame IL308545-F Multi-module enclosure frame IL078545-- Distribution board insert IL148545-- Wall box IL369545-F Rear panel IL042545-F</p>	T = 250 T = 250 T = 200 A = 2160 A = 2160 M = 2130 E = 2070 P = 2130
Width (mm)*	<p>Outer dimensions flush/wall = 1030 Outer dimension multi-module = 980 Distribution board insert = 940 Solid wall cutout = 1020</p>	<p>Outer dimensions flush/wall = 1230 Outer dimension multi-module = 1180 Distribution board insert = 1140 Solid wall cutout = 1220</p>	


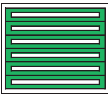
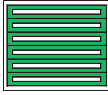
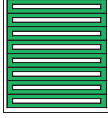
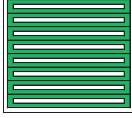
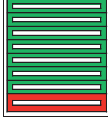
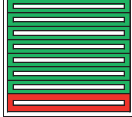
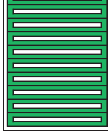
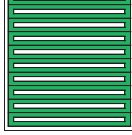
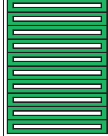
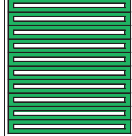
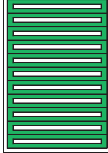
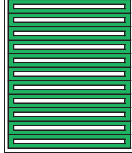
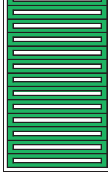
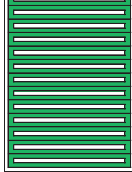
T = Depth, A = Outer dimensions flush/wall, M = Outer dimension multi-module, E = Distribution board insert, P = Solid wall cutout

*) Tolerances: + 0 E. - 3 mm, wall box depth 250 mm

Distribution board – Front plate plastic

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Modul heights	1 UNIT-WIDE ENCLOSURE 13 MW per front plate	2 UNIT-WIDE ENCLOSURE 21 MW per front plate	3 UNIT-WIDE ENCLOSURE 33 MW per front plate	Height (mm)*
4 IR 12	<p>1A-12 L IL172112AK 1U-12 L IL172112UK 1M-12 L IL172112MK</p> <p>Wall-mounted frame IL006112-F Flush-mounted frame IL308112-F Multi-module enclosure frame IL078112-- Distribution board insert IL149112-- Wall box IL369112-F Rear panel IL042112-F</p> 	<p>2A-12 L IL172212AK 2U-12 L IL172212UK 2M-12 L IL172212MK</p> <p>Wall-mounted frame IL006212-F Flush-mounted frame IL308212-F Multi-module enclosure frame IL078212-- Distribution board insert IL149212-- Wall box IL369212-F Rear panel IL042212-F</p> 	<p>3A-12 L IL172312AK 3U-12 L IL172312UK 3M-12 L IL172312MK</p> <p>Wall-mounted frame IL006312-F Flush-mounted frame IL308312-F Multi-module enclosure frame IL078312-- Distribution board insert IL149312-- Wall box IL369312-F Rear panel IL042312-F</p> 	<p>T = 250 T = 250 T = 200 A = 640 A = 640 M = 595 E = 555 P = 630</p>
6 IR 18	<p>1A-18 L IL172118AK 1U-18 L IL172118UK 1M-18 L IL172118MK</p> <p>Wall-mounted frame IL006118-F Flush-mounted frame IL308118-F Multi-module enclosure frame IL078118-- Distribution board insert IL149118-- Wall box IL369118-F Rear panel IL042118-F</p> 	<p>2A-18 L IL172218AK 2U-18 L IL172218UK 2M-18 L IL172218MK</p> <p>Wall-mounted frame IL006218-F Flush-mounted frame IL308218-F Multi-module enclosure frame IL078218-- Distribution board insert IL149218-- Wall box IL369218-F Rear panel IL042218-F</p> 	<p>3A-18 L IL172318AK 3U-18 L IL172318UK 3M-18 L IL172318MK</p> <p>Wall-mounted frame IL006318-F Flush-mounted frame IL308318-F Multi-module enclosure frame IL078318-- Distribution board insert IL149318-- Wall box IL369318-F Rear panel IL042318-F</p> 	<p>T = 250 T = 250 T = 200 A = 915 A = 915 M = 875 E = 830 P = 885</p>
7 IR 21	<p>1A-21 L IL172211AK 1U-21 L IL172211UK 1M-21 L IL172211MK</p> <p>Wall-mounted frame IL006211-F Flush-mounted frame IL308211-F Multi-module enclosure frame IL078211-- Distribution board insert IL149211-- Wall box IL369211-F Rear panel IL042211-F</p> 	<p>2A-21 L IL172221AK 2U-21 L IL172221UK 2M-21 L IL172221MK</p> <p>Wall-mounted frame IL006221-F Flush-mounted frame IL308221-F Multi-module enclosure frame IL078221-- Distribution board insert IL149221-- Wall box IL369221-F Rear panel IL042221-F</p> 	<p>3A-21 L IL172321AK 3U-21 L IL172321UK 3M-21 L IL172321MK</p> <p>Wall-mounted frame IL006321-F Flush-mounted frame IL308321-F Multi-module enclosure frame IL078321-- Distribution board insert IL149321-- Wall box IL369321-F Rear panel IL042321-F</p> 	<p>T = 250 T = 250 T = 200 A = 1055 A = 1055 M = 1010 E = 970 P = 1025</p>
8 IR 24	<p>1A-24 L IL172224AK 1U-24 L IL172224UK 1M-24 L IL172224MK</p> <p>Wall-mounted frame IL006224-F Flush-mounted frame IL308224-F Multi-module enclosure frame IL078224-- Distribution board insert IL149224-- Wall box IL369224-F Rear panel IL042224-F</p> 	<p>2A-24 L IL172224AK 2U-24 L IL172224UK 2M-24 L IL172224MK</p> <p>Wall-mounted frame IL006224-F Flush-mounted frame IL308224-F Multi-module enclosure frame IL078224-- Distribution board insert IL149224-- Wall box IL369224-F Rear panel IL042224-F</p> 	<p>3A-24 L IL172324AK 3U-24 L IL172324UK 3M-24 L IL172324MK</p> <p>Wall-mounted frame IL006324-F Flush-mounted frame IL308324-F Multi-module enclosure frame IL078324-- Distribution board insert IL149324-- Wall box IL369324-F Rear panel IL042324-F</p> 	<p>T = 250 T = 250 T = 200 A = 1195 A = 1195 M = 1150 E = 1105 P = 1165</p>
9 IR 28	<p>1A-28 L IL172228AK 1U-28 L IL172228UK 1M-28 L IL172228MK</p> <p>Wall-mounted frame IL006228-F Flush-mounted frame IL308228-F Multi-module enclosure frame IL078228-- Distribution board insert IL149228-- Wall box IL369228-F Rear panel IL042228-F</p> 	<p>2A-28 L IL172228AK 2U-28 L IL172228UK 2M-28 L IL172228MK</p> <p>Wall-mounted frame IL006228-F Flush-mounted frame IL308228-F Multi-module enclosure frame IL078228-- Distribution board insert IL149228-- Wall box IL369228-F Rear panel IL042228-F</p> 	<p>3A-28 L IL172328AK 3U-28 L IL172328UK 3M-28 L IL172328MK</p> <p>Wall-mounted frame IL006328-F Flush-mounted frame IL308328-F Multi-module enclosure frame IL078328-- Distribution board insert IL149328-- Wall box IL369328-F Rear panel IL042328-F</p> 	<p>T = 250 T = 250 T = 200 A = 1380 A = 1380 M = 1335 E = 1290 P = 1350</p>
11 IR 33		<p>2A-33 L IL172233AK 2U-33 L IL172233UK 2M-33 L IL172233MK</p> <p>Wall-mounted frame IL006233-F Flush-mounted frame IL308233-F Multi-module enclosure frame IL078233-- Distribution board insert IL149233-- Wall box IL369233-F Rear panel IL042233-F</p> 	<p>3A-33 L IL172333AK 3U-33 L IL172333UK 3M-33 L IL172333MK</p> <p>Wall-mounted frame IL006333-F Flush-mounted frame IL308333-F Multi-module enclosure frame IL078333-- Distribution board insert IL149333-- Wall box IL369333-F Rear panel IL042333-F</p> 	<p>T = 250 T = 250 T = 200 A = 1605 A = 1605 M = 1565 E = 1520 P = 1575</p>
13 IR 39		<p>2A-39 L IL172239AK 2U-39 L IL172239UK 2M-39 L IL172239MK</p> <p>Wall-mounted frame IL006239-F Flush-mounted frame IL308239-F Multi-module enclosure frame IL078239-- Distribution board insert IL149239-- Wall box IL369239-F Rear panel IL042239-F</p> 	<p>3A-39 L IL172339AK 3U-39 L IL172339UK 3M-39 L IL172339MK</p> <p>Wall-mounted frame IL006339-F Flush-mounted frame IL308339-F Multi-module enclosure frame IL078339-- Distribution board insert IL149339-- Wall box IL369339-F Rear panel IL042339-F</p> 	<p>T = 250 T = 250 T = 200 A = 1885 A = 1885 M = 1855 E = 1795 P = 1885</p>
14 IR 42		<p>2A-42 L IL172242AK 2U-42 L IL172242UK 2M-42 L IL172242MK</p> <p>Wall-mounted frame IL006242-F Flush-mounted frame IL308242-F Multi-module enclosure frame IL078242-- Distribution board insert IL149242-- Wall box IL369242-F Rear panel IL042242-F</p> 	<p>3A-42 L IL172342AK 3U-42 L IL172342UK 3M-42 L IL172342MK</p> <p>Wall-mounted frame IL006342-F Flush-mounted frame IL308342-F Multi-module enclosure frame IL078342-- Distribution board insert IL149342-- Wall box IL369342-F Rear panel IL042342-F</p> 	<p>T = 250 T = 250 T = 200 A = 2025 A = 2025 M = 1995 E = 1935 P = 1995</p>
15 IR 45		<p>2A-45 L IL172245AK 2U-45 L IL172245UK 2M-45 L IL172245MK</p> <p>Wall-mounted frame IL006245-F Flush-mounted frame IL308245-F Multi-module enclosure frame IL078245-- Distribution board insert IL149245-- Wall box IL369245-F Rear panel IL042245-F</p> 	<p>3A-45 L IL172345AK 3U-45 L IL172345UK 3M-45 L IL172345MK</p> <p>Wall-mounted frame IL006345-F Flush-mounted frame IL308345-F Multi-module enclosure frame IL078345-- Distribution board insert IL149345-- Wall box IL369345-F Rear panel IL042345-F</p> 	<p>T = 250 T = 250 T = 200 A = 2160 A = 2160 M = 2130 E = 2070 P = 2130</p>
Width (mm)*	<p>Outer dimensions flush/wall = 380 Outer dimension multi-module = 330 Distribution board insert = 290 Solid wall cutout = 370</p>	<p>Outer dimensions flush/wall = 590 Outer dimension multi-module = 540 Distribution board insert = 500 Solid wall cutout = 580</p>	<p>Outer dimensions flush/wall = 810 Outer dimension multi-module = 760 Distribution board insert = 720 Solid wall cutout = 800</p>	

Modul heights	4 UNIT-WIDE ENCLOSURE 45 MW per front plate	5 UNIT-WIDE ENCLOSURE 57 MW per front plate	Height (mm)*
4 IR 12	 <p>4A-12 L IL172412AK 4U-12 L IL172412UK 4M-12 L IL172412MK</p> <p>Wall-mounted frame IL006412-F Flush-mounted frame IL308412-F Multi-module enclosure frame IL078412-- Distribution board insert IL149412-- Wall box IL369412-F Rear panel IL042412-F</p>		T = 250 T = 250 T = 200 A = 640 A = 640 M = 595 E = 555 P = 630
6 IR 18	 <p>4A-18 L IL172418AK 4U-18 L IL172418UK 4M-18 L IL172418MK</p> <p>Wall-mounted frame IL006418-F Flush-mounted frame IL308418-F Multi-module enclosure frame IL078418-- Distribution board insert IL149418-- Wall box IL369418-F Rear panel IL042418-F</p>		T = 250 T = 250 T = 200 A = 915 A = 915 M = 875 E = 830 P = 885
7 IR 21	 <p>4A-21 L IL172421AK 4U-21 L IL172421UK 4M-21 L IL172421MK</p> <p>Wall-mounted frame IL006421-F Flush-mounted frame IL308421-F Multi-module enclosure frame IL078421-- Distribution board insert IL149421-- Wall box IL369421-F Rear panel IL042421-F</p>		T = 250 T = 250 T = 200 A = 1055 A = 1055 M = 1010 E = 970 P = 1025
8 IR 24	 <p>4A-24 L IL172424AK 4U-24 L IL172424UK 4M-24 L IL172424MK</p> <p>Wall-mounted frame IL006424-F Flush-mounted frame IL308424-F Multi-module enclosure frame IL078424-- Distribution board insert IL149424-- Wall box IL369424-F Rear panel IL042424-F</p>	 <p>5A-24 L IL172524AK 5U-24 L IL172524UK 5M-24 L IL172524MK</p> <p>Wall-mounted frame IL006524-F Flush-mounted frame IL308524-F Multi-module enclosure frame IL078524-- Distribution board insert IL149524-- Wall box IL369524-F Rear panel IL042524-F</p>	T = 250 T = 250 T = 200 A = 1195 A = 1195 M = 1150 E = 1105 P = 1165
9 IR 28	 <p>4A-28 L IL172428AK 4U-28 L IL172428UK 4M-28 L IL172428MK</p> <p>Wall-mounted frame IL006428-F Flush-mounted frame IL308428-F Multi-module enclosure frame IL078428-- Distribution board insert IL149428-- Wall box IL369428-F Rear panel IL042428-F</p>	 <p>5A-28 L IL172528AK 5U-28 L IL172528UK 5M-28 L IL172528MK</p> <p>Wall-mounted frame IL006528-F Flush-mounted frame IL308528-F Multi-module enclosure frame IL078528-- Distribution board insert IL149528-- Wall box IL369528-F Rear panel IL042528-F</p>	T = 250 T = 250 T = 200 A = 1380 A = 1380 M = 1335 E = 1290 P = 1350
11 IR 33	 <p>4A-33 L IL172433AK 4U-33 L IL172433UK 4M-33 L IL172433MK</p> <p>Wall-mounted frame IL006433-F Flush-mounted frame IL308433-F Multi-module enclosure frame IL078433-- Distribution board insert IL149433-- Wall box IL369433-F Rear panel IL042433-F</p>	 <p>5A-33 L IL172533AK 5U-33 L IL172533UK 5M-33 L IL172533MK</p> <p>Wall-mounted frame IL006533-F Flush-mounted frame IL308533-F Multi-module enclosure frame IL078533-- Distribution board insert IL149533-- Wall box IL369533-F Rear panel IL042533-F</p>	T = 250 T = 210 T = 200 A = 1605 A = 1605 M = 1565 E = 1520 P = 1575
13 IR 39	 <p>4A-39 L IL172439AK 4U-39 L IL172439UK 4M-39 L IL172439MK</p> <p>Wall-mounted frame IL006439-F Flush-mounted frame IL308439-F Multi-module enclosure frame IL078439-- Distribution board insert IL149439-- Wall box IL369439-F Rear panel IL042439-F</p>	 <p>5A-39 L IL172539AK 5U-39 L IL172539UK 5M-39 L IL172539MK</p> <p>Wall-mounted frame IL006539-F Flush-mounted frame IL308539-F Multi-module enclosure frame IL078539-- Distribution board insert IL149539-- Wall box IL369539-F Rear panel IL042539-F</p>	T = 250 T = 250 T = 200 A = 1885 A = 1885 M = 1855 E = 1795 P = 1885
14 IR 42	 <p>4A-42 L IL172442AK 4U-42 L IL172442UK 4M-42 L IL172442MK</p> <p>Wall-mounted frame IL006442-F Flush-mounted frame IL308442-F Multi-module enclosure frame IL078442-- Distribution board insert IL149442-- Wall box IL369442-F Rear panel IL042442-F</p>	 <p>5A-42 L IL172542AK 5U-42 L IL172542UK 5M-42 L IL172542MK</p> <p>Wall-mounted frame IL006542-F Flush-mounted frame IL308542-F Multi-module enclosure frame IL078542-- Distribution board insert IL149542-- Wall box IL369542-F Rear panel IL042542-F</p>	T = 250 T = 250 T = 200 A = 2025 A = 2025 M = 1995 E = 1935 P = 1995
15 IR 45	 <p>4A-45 L IL172445AK 4U-45 L IL172445UK 4M-45 L IL172445MK</p> <p>Wall-mounted frame IL006445-F Flush-mounted frame IL308445-F Multi-module enclosure frame IL078445-- Distribution board insert IL149445-- Wall box IL369445-F Rear panel IL042445-F</p>	 <p>5A-45 L IL172545AK 5U-45 L IL172545UK 5M-45 L IL172545MK</p> <p>Wall-mounted frame IL006545-F Flush-mounted frame IL308545-F Multi-module enclosure frame IL078545-- Distribution board insert IL149545-- Wall box IL369545-F Rear panel IL042545-F</p>	T = 250 T = 250 T = 200 A = 2160 A = 2160 M = 2130 E = 2070 P = 2130
Width (mm)*	<p>Outer dimensions flush/wall = 1030 Outer dimension multi-module = 980 Distribution board insert = 940 Solid wall cutout = 1020</p>	<p>Outer dimensions flush/wall = 1230 Outer dimension multi-module = 1180 Distribution board insert = 1140 Solid wall cutout = 1220</p>	

T = Depth, A = Outer dimensions flush/wall, M = Outer dimension multi-module, E = Distribution board insert, P = Solid wall cutout

*) Tolerances: + 0 E. - 3 mm, wall box depth 250 mm

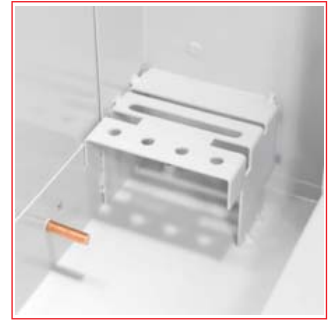
Modul 2000 - Wall-mounted frame IP54



IL952333



IL952333



IL952333



IL952333



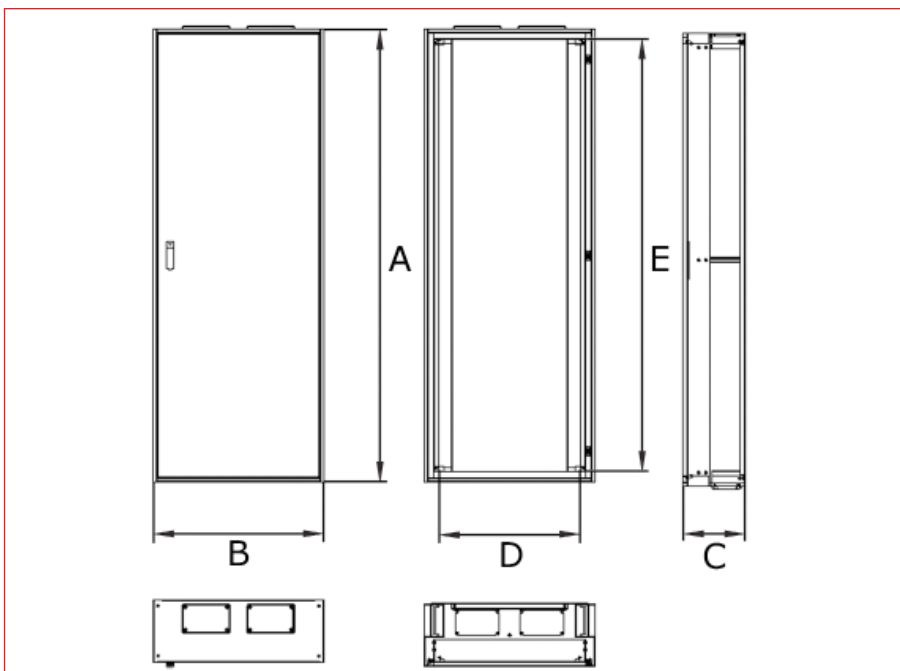
IL952333



Schrack-Info

- Wall-mounted frame in sheet steel with rear panel, 3-point rod lock with swing handle (prepared for half cylinder mounting)
- Available in sizes from 2A/12 to 5A/42 Modul-high enclosures in the graded depths of 250, 300 and 400mm
- Prepared for cable entry on one side - can be rotated 180° - with 2 or 3 blind gland plates (starting from 3 meter slots wide enclosures)
- All components can be installed from standard Modul 2000
- It is also possible to use a mounting plate IL959...
- Degree of protection IP54
- RAL7035 light grey

Dimensions



 Modul 2000 - Wall-mounted frame IP54



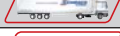






















Type	Meter spaces	Modul heights	A** [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Radiant power loss [W]*
Depth 250mm								
2A12	2	12	658	602	250	500	555	-200
2A18	2	18	934	602	250	500	830	-268
2A21	2	21	1072	602	250	500	970	-303
2A24	2	24	1210	602	250	500	1105	-338
2A28	2	28	1394	602	250	500	1290	-384
2A33	2	33	1624	602	250	500	1520	-440
3A18	3	18	934	822	250	720	830	-337
3A21	3	21	1072	822	250	720	970	-380
3A24	3	24	1210	822	250	720	1105	-424
3A28	3	28	1394	822	250	720	1290	-481
3A33	3	33	1624	822	250	720	1520	-458
4A21	4	21	1072	1042	250	940	970	-550
4A24	4	24	1210	1042	250	940	1105	-509
4A28	4	28	1394	1042	250	940	1290	-577
4A33	4	33	1624	1042	250	940	1520	-660
5A24	5	24	1210	1242	250	1140	1105	-587
5A28	5	28	1394	1242	250	1140	1290	-665
5A33	5	33	1624	1242	250	1140	1520	-760
Depth 300mm								
2A39	2	39	1900	602	300	500	1795	-550
2A42	2	42	2038	602	300	500	1935	-588
3A39	3	39	1900	822	300	720	1795	-680
3A42	3	42	2038	822	300	720	1935	-726
4A39	4	39	1900	1042	300	940	1795	-815
4A42	4	42	2038	1042	300	940	1935	-868
5A39	5	39	1900	1242	300	1140	1795	-927
5A42	5	42	2038	1242	300	1140	1935	-989
Depth 400mm								
2A39	2	39	1900	602	400	500	1795	-632
2A42	2	42	2038	602	400	500	1935	-674
3A39	3	39	1900	822	400	720	1795	-767
3A42	3	42	2038	822	400	720	1935	-818
4A39	4	39	1900	1042	400	940	1795	-903
4A42	4	42	2038	1042	400	940	1935	-962
5A39	5	39	1900	1242	400	1140	1795	-1026
5A42	5	42	2038	1242	400	1140	1935	-1092

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.

**The listed heights includes blind flanges

Detailed information and legal notes see page 268

Modul 2000 - Wall-mounted frame IP54

DESCRIPTION	WxH*xD mm	AVAILABLE	ORDER NO.
Depth 250mm			
Wall-mounted frame 2A-12, rear panel + swing handle	602x658x250		IL952212
Wall-mounted frame 2A-18, rear panel + swing handle	602x934x250		IL952218
Wall-mounted frame 2A-21, rear panel + swing handle	602x1072x250		IL952221
Wall-mounted frame 2A-24, rear panel + swing handle	602x1210x250		IL952224
Wall-mounted frame 2A-28, rear panel + swing handle	602x1394x250		IL952228
Wall-mounted frame 2A-33, rear panel + swing handle	602x1624x250		IL952233
Wall-mounted frame 3A-18, rear panel + swing handle	822x934x250		IL952318
Wall-mounted frame 3A-21, rear panel + swing handle	822x1072x250		IL952321
Wall-mounted frame 3A-24, rear panel + swing handle	822x1210x250		IL952324
Wall-mounted frame 3A-28, rear panel + swing handle	822x1394x250		IL952328
Wall-mounted frame 3A-33, rear panel + swing handle	822x1624x250		IL952333
Wall-mounted frame 4A-21, rear panel + swing handle	1042x1072x250		IL952421
Wall-mounted frame 4A-24, rear panel + swing handle	1042x1210x250		IL952424
Wall-mounted frame 4A-28, rear panel + swing handle	1042x1394x250		IL952428
Wall-mounted frame 4A-33, rear panel + swing handle	1042x1624x250		IL952433
Wall-mounted frame 5A-24, rear panel + swing handle	1242x1210x250		IL952524
Wall-mounted frame 5A-28, rear panel + swing handle	1242x1394x250		IL952528
Wall-mounted frame 5A-33, rear panel + swing handle	1242x1624x250		IL952533
Depth 300mm			
Wall-mounted frame 2A-39, rear panel + swing handle	602x1900x300		IL953239
Wall-mounted frame 2A-42, rear panel + swing handle	602x2038x300		IL953242
Wall-mounted frame 3A-39, rear panel + swing handle	822x1900x300		IL953339
Wall-mounted frame 3A-42, rear panel + swing handle	822x2038x300		IL953342
Wall-mounted frame 4A-39, rear panel + swing handle	1042x1900x300		IL953439
Wall-mounted frame 4A-42, rear panel + swing handle	1042x2038x300		IL953442
Wall-mounted frame 5A-39, rear panel + swing handle	1242x1900x300		IL953539
Wall-mounted frame 5A-42, rear panel + swing handle	1242x2038x300		IL953542
Depth 400mm			
Wall-mounted frame 2A-39, rear panel + swing handle	602x1900x400		IL954239
Wall-mounted frame 2A-42, rear panel + swing handle	602x2038x400		IL954242
Wall-mounted frame 3A-39, rear panel + swing handle	822x1900x400		IL954339
Wall-mounted frame 3A-42, rear panel + swing handle	822x2038x400		IL954342
Wall-mounted frame 4A-39, rear panel + swing handle	1042x1900x400		IL954439
Wall-mounted frame 4A-42, rear panel + swing handle	1042x2038x400		IL954442
Wall-mounted frame 5A-39, rear panel + swing handle	1242x1900x400		IL954539
Wall-mounted frame 5A-42, rear panel + swing handle	1242x2038x400		IL954542



Modul 2000 - Modular wall-mounted frame IP54



IL951XXX



IL951XXX



IL1951XXX



IL951XXX



IL951XXX

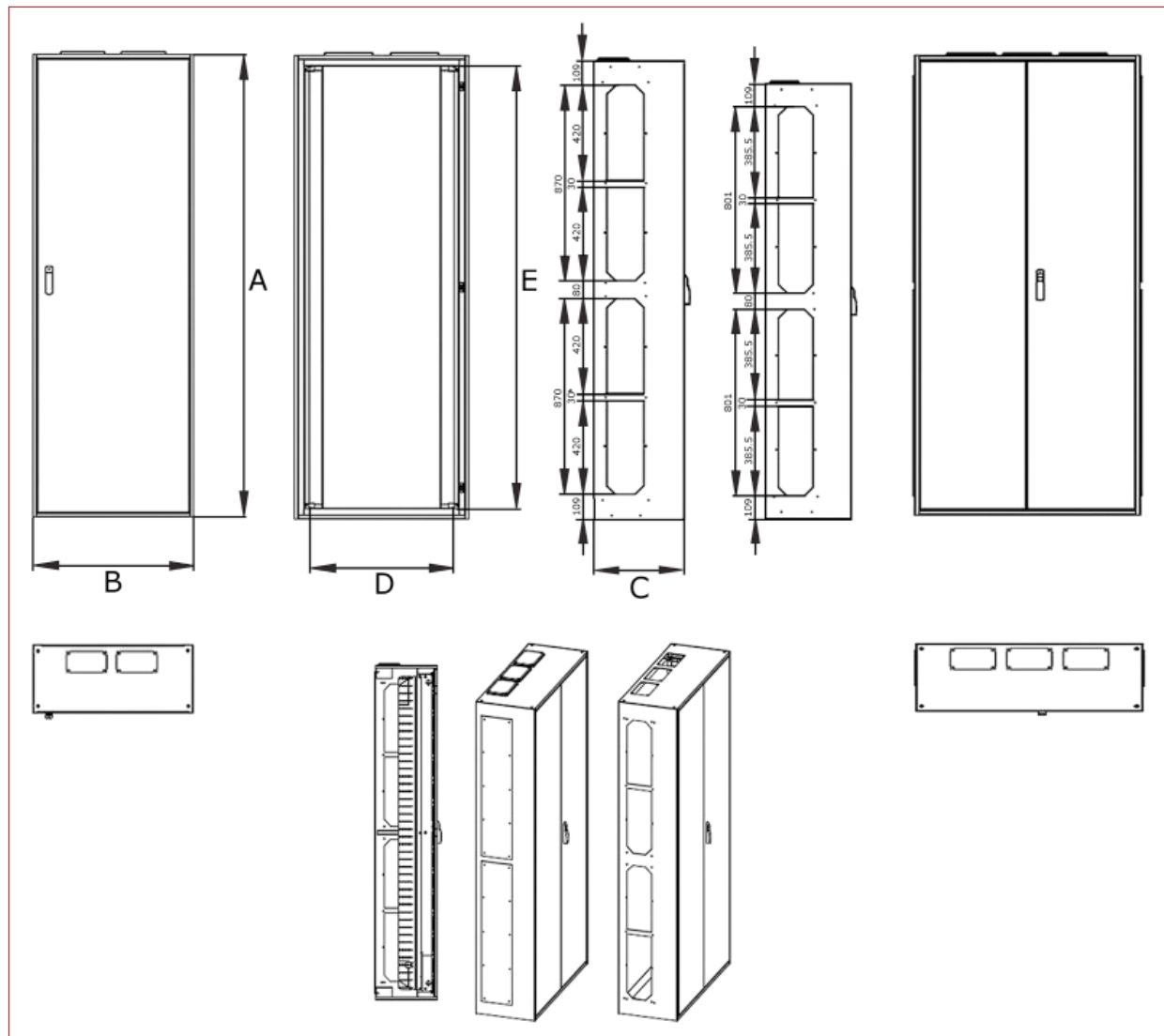


Schrack-Info

- Includes side cut-outs for cabling, on IL951142 only on one side
- Available in 2 heights and 4 widths
- 2 gland plates necessary per side = 1 SU (for 39 and 42 U enclosures)
- Degree of protection IP54
- RAL7035 light grey
- Material: sheet steel

Modul 2000 - Modular wall-mounted frame IP54


Dimensions



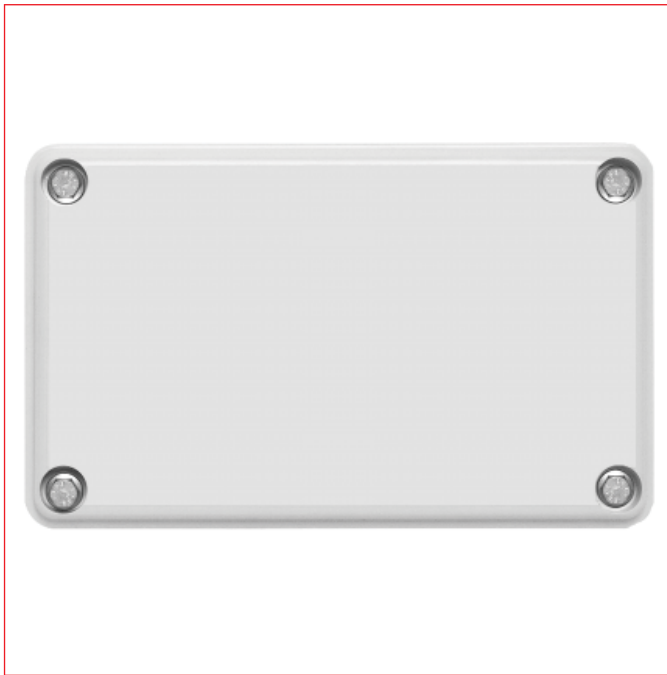
Type	Meter spaces	Modul heights	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Radiant power loss [W]*
1A42	1	42	2025	395	400	290	1935	-539
2A39	2	39	1885	602	400	500	1795	-632
2A42	2	42	2025	602	400	500	1935	-674
3A39	3	39	1885	822	400	720	1795	-767
3A42	3	42	2025	822	400	720	1935	-818
4A39	4	39	1885	1042	400	940	1795	-903
4A42	4	42	2025	1042	400	940	1935	-962

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.

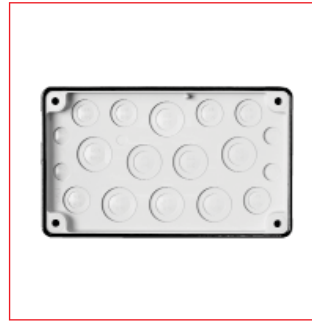
Detailed information and legal notes see page 268

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Modular wall-mounted frame 1A-42, rear panel + swing handle	395x2038x400		IL951142
Modular wall-mounted frame 2A-39, rear panel + swing handle	602x1900x400		IL951239
Modular wall-mounted frame 2A-42	602x2038x400		IL951242
Modular wall-mounted frame 3A-39, rear panel + swing handle	822x1900x400		IL951339
Modular wall-mounted frame 3A-42	822x2038x400		IL951342
Modular wall-mounted frame 4A-39, rear panel + swing handle	1042x1900x400		IL951439
Modular wall-mounted frame 4A-42	1042x2038x400		IL951442

Modul 2000 - Accessories for wall-mounted frame IP54



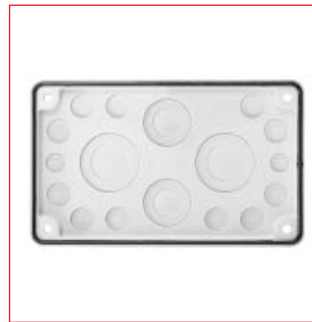
IL958001



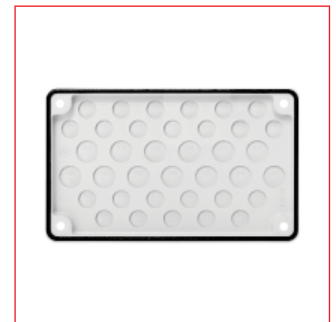
IL958002



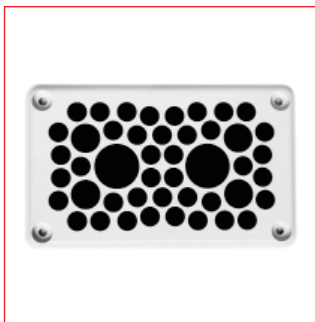
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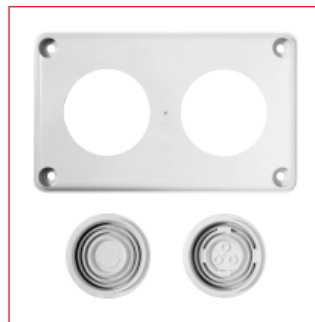
IL958004



IL958005



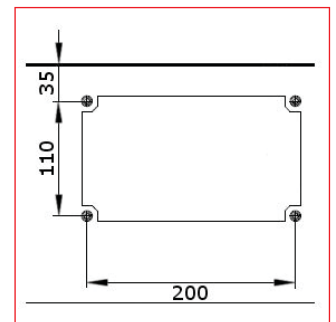
IL958006



IL958007



IL958XXX

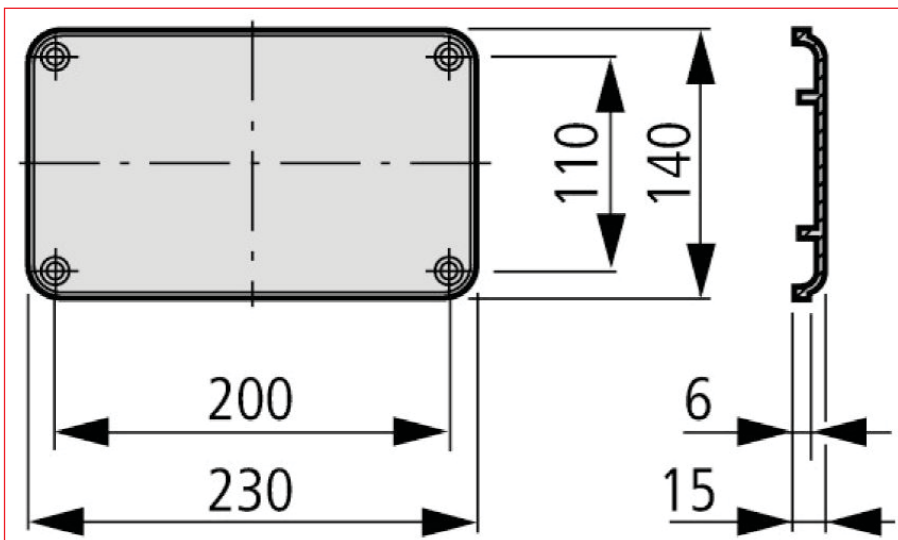


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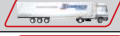

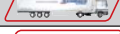







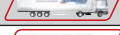




Schrack-Info

- Mounting plates are affixed with the provided 6 pcs. of plastic holders
- Base side panels are always delivered in pairs, front frames individually (1 pc.)
- 2 pcs. of cable entry gland plates (IL958001--) are pre-installed in the surface frame for widths 2A and 3A, 3 pcs. are installed for widths 4A and 5A

Dimensions gland plate



Modul 2000 - Accessories for wall-mounted frame IP54

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Gland plates			
Cable entry gland plate blind			IL958001
Cable entry gland plate 4xM16, 6xM25/16, 8xM32/20			IL958002
Cable entry gland plate 2xM20, 8xM25/16, 4xM32/20, 1xM50/32			IL958003
Cable entry gland plate 2xM16, 12xM20, 2xM40/25, 2xM50/32			IL958004
Cable entry gland plate 24xM16, 13xM20			IL958005
Cable entry gland plate foam-elastic Ø 40x16mm, 4x24mm, 2x38mm			IL958006
Cable entry gland plate 2 cable entries Ø 70mm			IL958007
Cable grommets membrane M25			IL958010
Mounting plates			
Mounting plate, 2A/12 Modul heights	483x480x25		IL959212
Mounting plate, 2A/18 Modul heights	483x756x25		IL959218
Mounting plate, 2A/21 Modul heights	483x894x25		IL959221
Mounting plate, 2A/24 Modul heights	483x1032x25		IL959224
Mounting plate, 2A/28 Modul heights	483x1216x25		IL959228
Mounting plate, 2A/33 Modul heights	483x1446x25		IL959233
Mounting plate, 2A/39 Modul heights	483x1722x25		IL959239
Mounting plate, 2A/42 Modul heights	483x1860x25		IL959242
Mounting plate, 3A/18 Modul heights	703x756x25		IL959318
Mounting plate, 3A/21 Modul heights	703x894x25		IL959321
Mounting plate, 3A/24 Modul heights	703x1032x25		IL959324
Mounting plate, 3A/28 Modul heights	703x1216x25		IL959328
Mounting plate, 3A/33 Modul heights	703x1446x25		IL959333
Mounting plate, 3A/39 Modul heights	703x1722x25		IL959339
Mounting plate, 3A/42 Modul heights	703x1860x25		IL959342
Mounting plate, 4A/21 Modul heights	923x756x25		IL959421
Mounting plate, 4A/24 Modul heights	923x894x25		IL959424
Mounting plate, 4A/28 Modul heights	923x1032x25		IL959428
Mounting plate, 4A/33 Modul heights	923x1216x25		IL959433
Mounting plate, 4A/39 Modul heights	923x1446x25		IL959439
Mounting plate, 4A/42 Modul heights	923x1860x25		IL959442
Mounting plate, 5A/24 Modul heights	1123x1032x25		IL959524
Mounting plate, 5A/28 Modul heights	1123x1216x25		IL959528
Mounting plate, 5A/33 Modul heights	1123x1446x25		IL959533
Mounting plate, 5A/39 Modul heights	1123x1722x25		IL959539
Mounting plate, 5A/42 Modul heights	1123x1860x25		IL959542
Socket - front and side parts			
Socket front frame, 2 unit-wide	600x99x30		IL958200
Socket front frame, 3 unit-wide	820x99x30		IL958300
Socket front frame, 4 unit-wide	1040x99x30		IL958400
Socket front frame, 5 unit-wide	1240x99x30		IL958500
Side panel 250mm (1 pair)	240x100x30		IL091125
Side panel 300mm (1 pair)	290x100x30		IL091130
Side panel 400mm (1 pair)	390x100x30		IL091140
Modular parts			
Combining set f. IL951...IP54 (seal and screws)			IL951000
Flange plate for buying WM-frame IP54 (PU=2 pcs.)			IL951001

Modul 2000 - Wall-mounted frame IP20C



IL006XXXXX



IL006XXXXX



IL006XXXXX



IL006XXXXX



IL006XXXXX



IL006XXXXX



IL006XXXXX

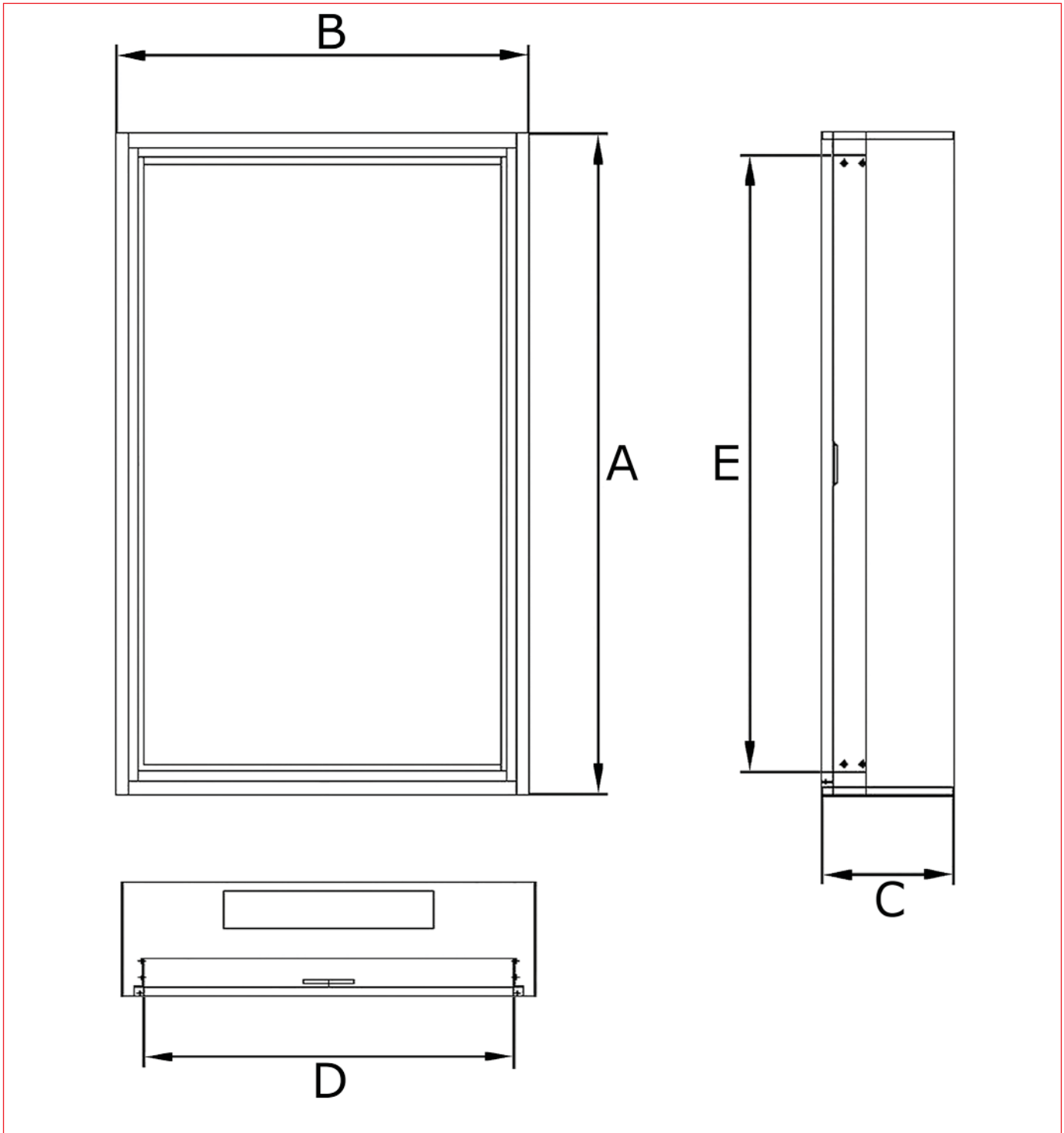


Schrack-Info

- Modular wall-mounted sheet steel frame with door
- Available in sizes from 1A/7 to 5A/45 Modul-high enclosures
- Standard depth 250mm, some models available to order in 180mm (7 and 12 Modul-high), 300mm (IL036...) and 400mm (IL009...). The enclosures with 300mm and 400mm depth are designed with riveted steel sheet back panel and 3-point rod lock with swing handle prepared for installation of various half cylinder locks. e.g. 61005 (IU001916--), double-bit 5mm (IU001906--) or industrial lock 333 (DV900333--). Other half cylinder locks only DIN and with adjustable locking cam
- Completely closed for widths 1 and for widths 2-5 up to 18 Modul-high enclosures
- Cable entry slit with cover is standard for surface-mounted distribution units (for 2-5 unit-wide and 21-33 Modul-high enclosures the cable entry is on one side, starting from 39 Modul-high enclosure it is both on top and bottom), each entry sealed with sponge rubber
- Standard version of door with flush plastic thumbturn operated via integrated double-bit lock (2 flush plastic thumbturns per door for IL006524-F and 28 Modul-high enclosures or higher)
- Degree of protection IP20C
- RAL7035 light grey

Modul 2000 - Wall-mounted frame IP20C

Dimensions





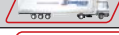




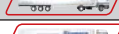




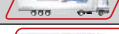

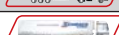








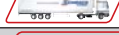
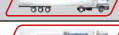




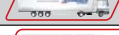

















Type	Meter spaces	Modul heights	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Radiant power loss [W]*
Depth 180mm								
1A7	1	7	410	380	180	290	325	-86
1A12	1	12	640	380	180	290	555	-124
2A7	2	7	410	590	180	500	325	-119
2A12	2	12	640	590	180	500	555	-170
3A12	3	12	640	810	180	720	555	-219
Depth 250mm								
1A18	1	18	915	380	250	290	830	-199
1A21	1	21	1055	380	250	290	970	-225
1A24	1	24	1195	380	250	290	1105	-252
1A28	1	28	1380	380	250	290	1290	-286
1A33	1	33	1605	380	250	290	1520	-329
1A39	1	39	1885	380	250	290	1795	-382
1A42	1	42	2025	380	250	290	1935	-408
1A45	1	45	2160	380	250	290	2070	-434
2A18	2	18	915	590	250	500	830	-264
2A21	2	21	1055	590	250	500	970	-299
2A24	2	24	1195	590	250	500	1105	-333
2A28	2	28	1380	590	250	500	1290	-379
2A33	2	33	1605	590	250	500	1520	-434
2A39	2	39	1885	590	250	500	1795	-503
2A42	2	42	2025	590	250	500	1935	-537
2A45	2	45	2160	590	250	500	2070	-570
3A18	3	18	915	810	250	720	830	-334
3A21	3	21	1055	810	250	720	970	-376
3A24	3	24	1195	810	250	720	1105	-419
3A28	3	28	1380	810	250	720	1290	-475
3A33	3	33	1605	810	250	720	1520	-544
3A39	3	39	1885	810	250	720	1795	-629
3A42	3	42	2025	810	250	720	1935	-672
3A45	3	45	2160	810	250	720	2070	-713
4A18	4	18	915	1030	250	940	830	-403
4A21	4	21	1055	1030	250	940	970	-454
4A24	4	24	1195	1030	250	940	1105	-505
4A28	4	28	1380	1030	250	940	1290	-572
4A33	4	33	1605	1030	250	940	1520	-654
4A39	4	39	1885	1030	250	940	1795	-756
4A42	4	42	2025	1030	250	940	1935	-807
4A45	4	45	2160	1030	250	940	2070	-856
5A24	5	24	1195	1230	250	1140	1105	-583
5A28	5	28	1380	1230	250	1140	1290	-660
5A33	5	33	1605	1230	250	1140	1520	-754
5A39	5	39	1885	1230	250	1140	1795	-871
5A42	5	42	2025	1230	250	1140	1935	-930
5A45	5	45	2160	1230	250	1140	2070	-986
Depth 300mm								
2A39	2	39	1885	590	300	500	1795	-543
2A42	2	42	2025	590	300	500	1935	-580
2A45	2	45	2160	590	300	500	2070	-616
3A39	3	39	1885	810	300	720	1795	-673
3A42	3	42	2025	810	300	720	1935	-718
3A45	3	45	2160	810	300	720	2070	-762
4A39	4	39	1885	1030	300	940	1795	-802
4A42	4	42	2025	1030	300	940	1935	-856
4A45	4	45	2160	1030	300	940	2070	-907
5A39	5	39	1885	1230	300	1140	1795	-920
5A42	5	42	2025	1230	300	1140	1935	-981
5A45	5	45	2160	1230	300	1140	2070	-1040
Depth 400mm								
2A42	2	42	2025	590	400	500	1935	-666
3A42	3	42	2025	810	400	720	1935	-810
4A42	4	42	2025	1030	400	940	1935	-954
5A42	5	42	2025	1230	400	1140	1935	-1085

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.



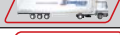







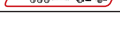
Detailed information and legal notes see page 268

Modul 2000 - Wall-mounted frame IP20C

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Depth 180mm, without rear panel, with quarter turn lock			
Wall-mounted frame 1A-7	380x410x180		IL006107-F
Wall-mounted frame 1A-12	380x640x180		IL006112-F
Wall-mounted frame 2A-7	590x410x180		IL006207-F
Wall-mounted frame 2A-12	590x640x180		IL006212-F
Wall-mounted frame 3A-12	810x640x180		IL006312-F
Wall-mounted frame 4A-12	1030x640x180		IL006412-F
Depth 250mm, without rear panel, with quarter turn lock			
Wall-mounted frame 1A-16	380x830x250		IL006116-F
Wall-mounted frame 1A-18	380x915x250		IL006118-F
Wall-mounted frame 1A-21	380x1055x250		IL006121-F
Wall-mounted frame 1A-24	380x1195x250		IL006124-F
Wall-mounted frame 2A-28	380x1380x250		IL006128-F
Wall-mounted frame 2A-42- only marshalling panel - (no insert possible)	380x2025x250		IL006142-F
Wall-mounted frame 2A-18	590x915x250		IL006218-F
Wall-mounted frame 2A-21	590x1055x250		IL006221-F
Wall-mounted frame 2A-24	590x1195x250		IL006224-F
Wall-mounted frame 2A-28	590x1380x250		IL006228-F
Wall-mounted frame 2A-33	590x1605x250		IL006233-F
Wall-mounted frame 2A-39	590x1885x250		IL006239-F
Wall-mounted frame 2A-42	590x2025x250		IL006242-F
Wall-mounted frame 2A-45	590x2160x250		IL006245-F
Wall-mounted frame 3A-18	810x915x250		IL006318-F
Wall-mounted frame 3A-21	810x1055x250		IL006321-F
Wall-mounted frame 3A-24	810x1195x250		IL006324-F
Wall-mounted frame 3A-28	810x1380x250		IL006328-F
Wall-mounted frame 3A-33	810x1605x250		IL006333-F
Wall-mounted frame 3A-39	810x1885x250		IL006339-F
Wall-mounted frame 3A-42	810x2025x250		IL006342-F
Wall-mounted frame 3A-45	810x2160x250		IL006345-F
Wall-mounted frame 4A-18	1030x915x250		IL006418-F
Wall-mounted frame 4A-21	1030x1055x250		IL006421-F
Wall-mounted frame 4A-24	1030x1195x250		IL006424-F
Wall-mounted frame 4A-28	1030x1380x250		IL006428-F
Wall-mounted frame 4A-33	1030x1605x250		IL006433-F
Wall-mounted frame 4A-39	1030x1885x250		IL006439-F
Wall-mounted frame 4A-42	1030x2025x250		IL006442-F
Wall-mounted frame 4A-45	1030x2160x250		IL006445-F
Wall-mounted frame 5A-24	1230x1195x250		IL006524-F
Wall-mounted frame 5A-28	1230x1380x250		IL006528-F
Wall-mounted frame 5A-33	1230x1605x250		IL006533-F
Wall-mounted frame 5A-39	1230x1885x250		IL006539-F
Wall-mounted frame 5A-42	1230x2025x250		IL006542-F
Wall-mounted frame 5A-45	1230x2160x250		IL006545-F
Depth 300mm, with steel sheet rear panel and swing handle (3-point rod system)			
Wall-mounted frame 2A-39	590x1885x300		IL036239-F
Wall-mounted frame 2A-42	590x2025x300		IL036242-F
Wall-mounted frame 2A-45	590x2160x300		IL036245-F
Wall-mounted frame 3A-39	810x1885x300		IL036339-F
Wall-mounted frame 3A-42	810x2025x300		IL036342-F



Modul 2000 - Wall-mounted frame IP20C

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Depth 300mm, with steel sheet rear panel and swing handle (3-point rod system)			
Wall-mounted frame 3A-45	810x2160x300		IL036345-F
Wall-mounted frame 4A-39	1030x1885x300		IL036439-F
Wall-mounted frame 4A-42	1030x2025x300		IL036442-F
Wall-mounted frame 4A-45	1030x2160x300		IL036445-F
Wall-mounted frame 5A-39	1230x1885x300		IL036539-F
Wall-mounted frame 5A-42	1230x2025x300		IL036542-F
Wall-mounted frame 5A-45	1230x2160x300		IL036545-F
Depth 400mm, with steel sheet rear panel and swing handle (3-point rod system)			
Wall-mounted frame 2A-42	590x2025x400		IL009242-F
Wall-mounted frame 3A-42	810x2025x400		IL009342-F
Wall-mounted frame 4A-42	1030x2025x400		IL009442-F
Wall-mounted frame 5A-42	1230x2025x400		IL009542-F



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Wall mounted frame without door



IL001324-F

Schrack-Info

- Design like standard wall-mounted frame IL006..., but without door
- Degree of protection IP20C
- RAL7035 light grey



DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Wall-mounted frame 2A-7 without door	590x410x180		IL001207-F
Wall-mounted frame 2A-12 without door	590x640x180		IL001212-F
Wall-mounted frame 2A-33 without door	590x1605x250		IL001233-F
Wall-mounted frame 2A-39 without door	590x1885x250		IL001239-F
Wall-mounted frame 2A-42 without door	590x2025x250		IL001242-F
Wall-mounted frame 2A-45 without door	590x2160x250		IL001245-F
Wall-mounted frame 3A-24 without door	810x1195x250		IL001324-F
Wall-mounted frame 3A-28 without door	810x1380x250		IL001328-F
Wall-mounted frame 3A-33 without door	810x1605x250		IL001333-F
Wall-mounted frame 3A-39 without door	810x1885x250		IL001339-F
Wall-mounted frame 3A-42 without door	810x2025x250		IL001342-F
Wall-mounted frame 3A-45 without door	810x2160x250		IL001345-F
Wall-mounted frame 4A-12 without door	1030x640x180		IL001412-F
Wall-mounted frame 4A-18 without door	1030x915x250		IL001418-F
Wall-mounted frame 4A-21 without door	1030x1055x250		IL001421-F
Wall-mounted frame 4A-24 without door	1030x1195x250		IL001424-F
Wall-mounted frame 4A-28 without door	1030x1380x250		IL001428-F
Wall-mounted frame 4A-33 without door	1030x1605x250		IL001433-F
Wall-mounted frame 4A-39 without door	1030x1885x250		IL001439-F
Wall-mounted frame 4A-42 without door	1030x2025x250		IL001442-F
Wall-mounted frame 4A-45 without door	1030x2160x250		IL001445-F
Wall-mounted frame 5A-24 without door	1230x1195x250		IL001524-F
Wall-mounted frame 5A-28 without door	1230x1380x250		IL001528-F
Wall-mounted frame 5A-33 without door	1230x1605x250		IL001533-F
Wall-mounted frame 5A-39 without door	1230x1885x250		IL001539-F
Wall-mounted frame 5A-42 without door	1230x2025x250		IL001542-F
Wall-mounted frame 5A-45 without door	1230x2160x250		IL001545-F

Modul 2000 - Wall-mounted frame flat version



IL0069XXX



IL0069XXX



IL0069XXX



IL0069XXX



Schrack-Info

- Small depths of 100mm, modular design
- In model IL172...AS installation insert in sheet steel with slotted front plates, individual design of the insert and front plates in plastic on request
- Door with flush thumbturn can optionally be hinged left or right
- Degree of protection IP20C
- RAL7035 light grey

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Without rear panel, without insert			
Wall-mounted with door 2A-12 Modul heights	590x640x100		IL006912-F
Wall-mounted with door 2A-18 Modul heights	590x915x100		IL006918-F
With rear panel, with insert			
Wall-mounted with door 2A-12 Modul heights	590x640x100		IL172912AS
Wall-mounted with door 2A-18 Modul heights	590x915x100		IL172918AS



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Flush-mounted frame 3-part system IP20C



IL308XXXX



IL308XXXX



IL308XXXX



IL308XXXX



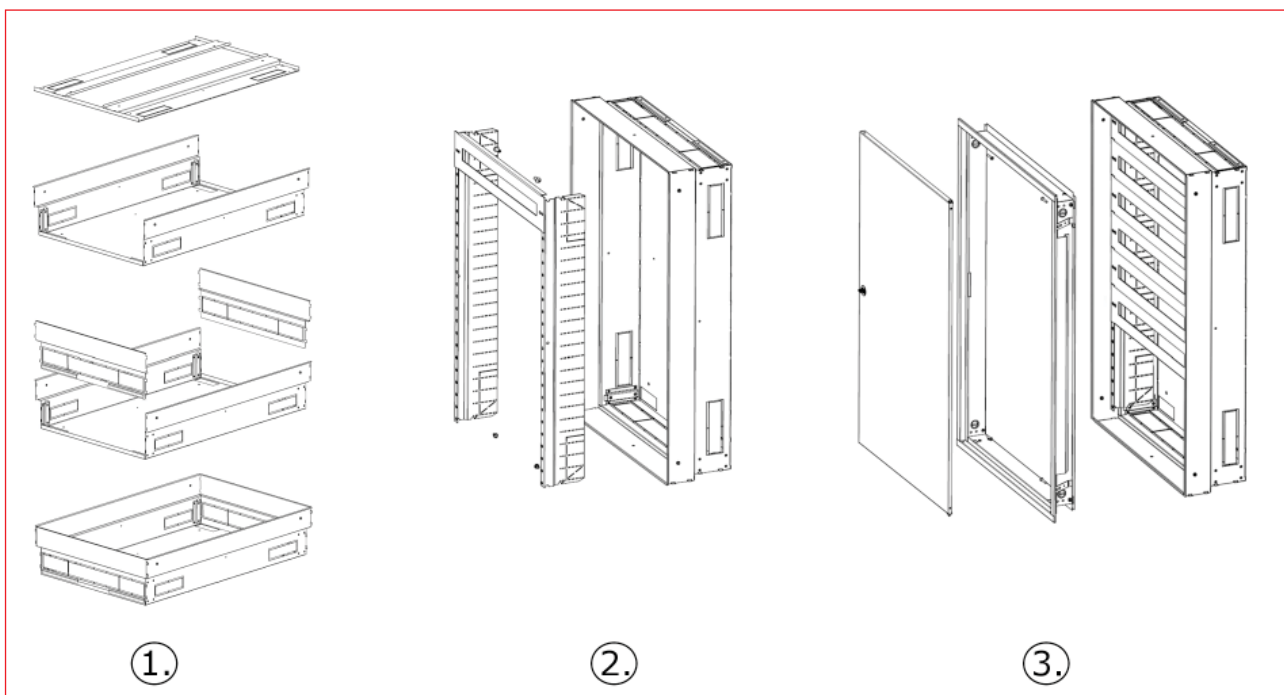
IL308XXXX



Schrack-Info

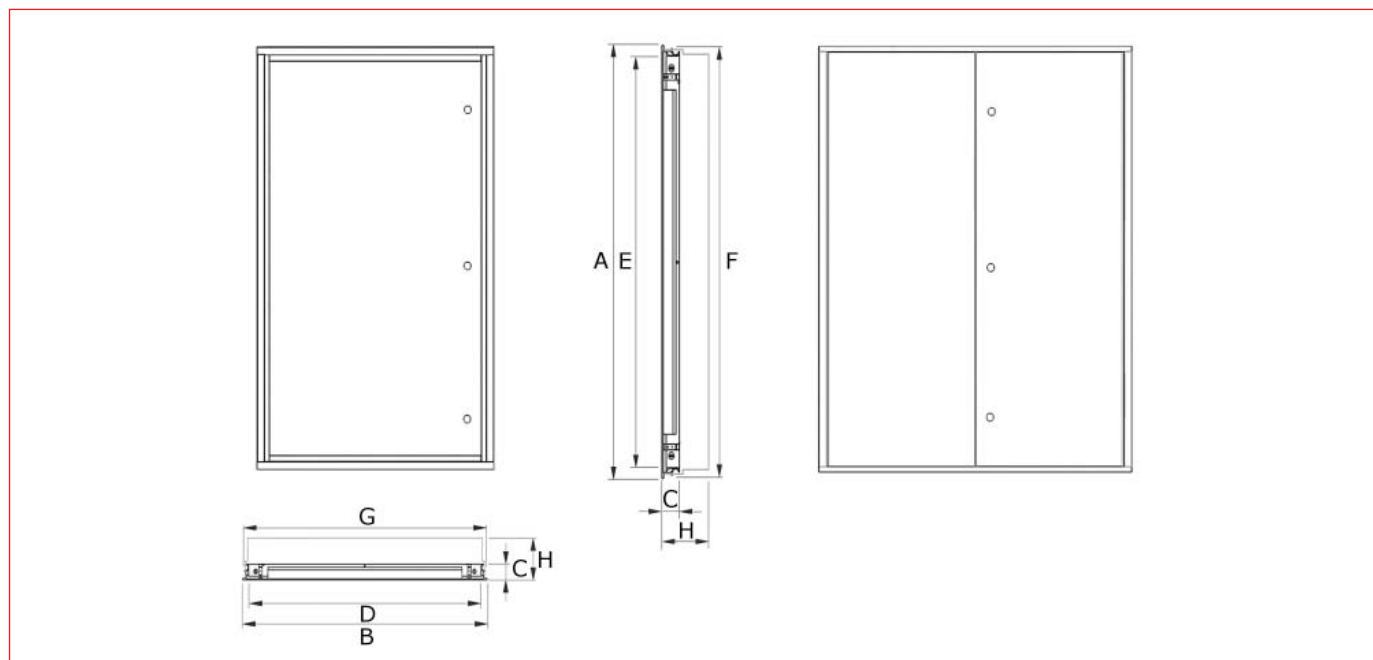
- Modular flush-mounted sheet steel frame with door
- Available in sizes from 1U/7 to 5U/45 Modul-high enclosures
- Standard depth when used with galvanized wall box IL068....approx. 180mm or IL369....approx. 250mm deep
- Standard version of door with flush plastic thumbturn operated via integrated double-bit lock (2 flush plastic thumbturns per door for IL308524-F and 28 Modul-high enclosures or higher)
- Degree of protection IP20C
- RAL9016 traffic white

3-part system



Modul 2000 - Flush-mounted frame 3-part system IP20C






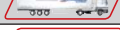



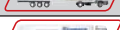












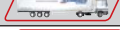



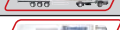



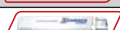

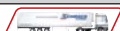








Dimensions



Type	Meter spaces	Modul heights	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Radiant power loss [W]*
1U7	1	7	410	380	89	325	290	405	370	250	-75
1U12	1	12	640	380	89	555	290	635	370	250	-109
1U16	1	16	830	380	89	740	290	825	370	250	-138
1U18	1	18	915	380	89	830	290	910	370	250	-151
1U21	1	21	1055	380	89	970	290	1050	370	250	-172
1U24	1	24	1195	380	89	1105	290	1190	370	250	-193
1U28	1	28	1380	380	89	1290	290	1365	370	250	-221
2U7	2	7	410	590	89	325	500	405	580	250	-105
2U12	2	12	640	590	89	555	500	635	580	250	-152
2U18	2	18	915	590	89	830	500	910	580	250	-209
2U21	2	21	1055	590	89	970	500	1050	580	250	-238
2U24	2	24	1195	590	89	1105	500	1190	580	250	-267
2U28	2	28	1380	590	89	1290	500	1365	580	250	-306
2U33	2	33	1605	590	89	1520	500	1600	580	250	-352
2U39	2	39	1885	590	89	1795	500	1880	580	250	-410
2U42	2	42	2025	590	89	1935	500	2015	580	250	-439
2U45	2	45	2160	590	89	2070	500	2155	580	250	-467
3U12	3	12	640	810	89	555	720	635	800	250	-198
3U18	3	18	915	810	89	830	720	910	800	250	-271
3U21	3	21	1055	810	89	970	720	1050	800	250	-308
3U24	3	24	1195	810	89	1105	720	1190	800	250	-346
3U28	3	28	1380	810	89	1290	720	1365	800	250	-395
3U33	3	33	1605	810	89	1520	720	1600	800	250	-455
3U39	3	39	1885	810	89	1795	720	1880	800	250	-529
3U42	3	42	2025	810	89	1935	720	2015	800	250	-567
3U45	3	45	2160	810	89	2070	720	2155	800	250	-603
4U12	4	12	640	1030	89	555	940	635	1020	250	-243
4U18	4	18	915	1030	89	830	940	910	1020	250	-333
4U21	4	21	1055	1030	89	970	940	1050	1020	250	-378
4U24	4	24	1195	1030	89	1105	940	1190	1020	250	-424
4U28	4	28	1380	1030	89	1290	940	1365	1020	250	-484
4U33	4	33	1605	1030	89	1520	940	1600	1020	250	-557
4U39	4	39	1885	1030	89	1795	940	1880	1020	250	-649
4U42	4	42	2025	1030	89	1935	940	2015	1020	250	-694
4U45	4	45	2160	1030	89	2070	940	2155	1020	250	-738
5U24	5	24	1195	1230	89	1105	1140	1190	1220	250	-495
5U28	5	28	1380	1230	89	1290	1140	1365	1220	250	-565
5U33	5	33	1605	1230	89	1520	1140	1600	1220	250	-651
5U39	5	39	1885	1230	89	1795	1140	1880	1220	250	-757
5U42	5	42	2025	1230	89	1935	1140	2015	1220	250	-810
5U45	5	45	2160	1230	89	2070	1140	2155	1220	250	-861

*Max. radiated power of housing calculated as a flush-mounted single fixed with $\Delta T = 35K$.
Detailed information and legal notes see page 268

Modul 2000 - Flush-mounted frame 3-part system IP20C

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Flush-mounted frame with door S3 1U-07	380x410x89		IL308107-F
Flush-mounted frame with door S3 1U-12	380x640x89		IL308112-F
Flush-mounted frame with door S3 1U-16	380x830x89		IL308116-F
Flush-mounted frame with door S3 1U-18	380x915x89		IL308118-F
Flush-mounted frame with door S3 1U-21	380x1055x89		IL308121-F
Flush-mounted frame with door S3 1U-24	380x1195x89		IL308124-F
Flush-mounted frame with door S3 1U-28	380x1380x89		IL308128-F
Flush-mounted frame with door S3 2U-07	590x410x89		IL308207-F
Flush-mounted frame with door S3 2U-12	590x640x89		IL308212-F
Flush-mounted frame with door S3 2U-18	590x915x89		IL308218-F
Flush-mounted frame with door S3 2U-21	590x1055x89		IL308221-F
Flush-mounted frame with door S3 2U-24	590x1195x89		IL308224-F
Flush-mounted frame with door S3 2U-28	590x1380x89		IL308228-F
Flush-mounted frame with door S3 2U-33	590x1605x89		IL308233-F
Flush-mounted frame with door S3 2U-39	590x1885x89		IL308239-F
Flush-mounted frame with door S3 2U-42	590x2025x89		IL308242-F
Flush-mounted frame with door S3 2U-45	590x2160x89		IL308245-F
Flush-mounted frame with door S3 3U-12	810x640x89		IL308312-F
Flush-mounted frame with door S3 3U-18	810x915x89		IL308318-F
Flush-mounted frame with door S3 3U-21	810x1055x89		IL308321-F
Flush-mounted frame with door S3 3U-24	810x1195x89		IL308324-F
Flush-mounted frame with door S3 3U-28	810x1380x89		IL308328-F
Flush-mounted frame with door S3 3U-33	810x1605x89		IL308333-F
Flush-mounted frame with door S3 3U-39	810x1885x89		IL308339-F
Flush-mounted frame with door S3 3U-42	810x2025x89		IL308342-F
Flush-mounted frame with door S3 3U-45	810x2160x89		IL308345-F
Flush-mounted frame with door S3 4U-12	1030x640x89		IL308412-F
Flush-mounted frame with door S3 4U-18	1030x915x89		IL308418-F
Flush-mounted frame with door S3 4U-21	1030x1055x89		IL308421-F
Flush-mounted frame with door S3 4U-24	1030x1195x89		IL308424-F
Flush-mounted frame with door S3 4U-28	1030x1380x89		IL308428-F
Flush-mounted frame with door S3 4U-33	1030x1605x89		IL308433-F
Flush-mounted frame with door S3 4U-39	1030x1885x89		IL308439-F
Flush-mounted frame with door S3 4U-42	1030x2025x89		IL308442-F
Flush-mounted frame with door S3 4U-45	1030x2160x89		IL308445-F
Flush-mounted frame with door S3 5U-24	1230x1195x89		IL308524-F
Flush-mounted frame with door S3 5U-28	1230x1380x89		IL308528-F
Flush-mounted frame with door S3 5U-33	1230x1605x89		IL308533-F
Flush-mounted frame with door S3 5U-39	1230x1885x89		IL308539-F
Flush-mounted frame with door S3 5U-42	1230x2025x89		IL308542-F
Flush-mounted frame with door S3 5U-45	1230x2160x89		IL308545-F



Modul 2000 - Flush-mounted frame flat version



IL172912US



IL012XXX



IL012XXX



IL012XXX



IL012XXX



Schrack-Info

- Modular enclosure in rugged folded sheet steel construction like IL308...
- Modul insert can be attached and pivoted after mounting, individual design of the insert and front plates in plastic on request
- Sheet steel door with flush thumbturn can optionally be hinged left or right
- Wall box IL067...-F is to be used (overall depth of flat frame with wall box is approx. 100mm)
- Degree of protection IP20C
- RAL9016 traffic white

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Without wall box, without insert			
Flush-mounted frame with door 2U-12	590x640x100		IL012212-F
Flush-mounted frame with door 2U-18	590x915x100		IL012218-F
Flush-mounted frame with door 2U-21	590x1055x100		IL012221-F
Flush-mounted frame with door 2U-24	590x1195x100		IL012224-F
Flush-mounted frame with door 3U-12	810x640x100		IL012312-F
Flush-mounted frame with door 3U-18	810x915x100		IL012318-F
Flush-mounted frame with door 3U-21	810x1055x100		IL012321-F
Flush-mounted frame with door 3U-24	810x1195x100		IL012324-F
Without wall box, with insert			
Flush-mounted frame with door 2U-21K + insert 100 flat	590x1055x100		IL128921
Flush-mounted frame with door 2U-21K + insert 100 flat	590x1195x100		IL128924
Flush-mounted frame with door 3U-12K + insert 100 flat	810x640x100		IL128812
Flush-mounted frame with door 3U-12K + insert 100 flat	810x920x100		IL128818
Flush-mounted frame with door 3U-21K + insert 100 flat	810x1055x100		IL128821
Flush-mounted frame with door 3U-24K + insert 100 flat	810x1195x100		IL128824
With wall box, with insert			
Flush-mounted frame with door 2U-12	590x640x100		IL172912US
Flush-mounted frame with door 2U-18	590x915x100		IL172918US



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Multi-module enclosure



IL153324



IL077112-F

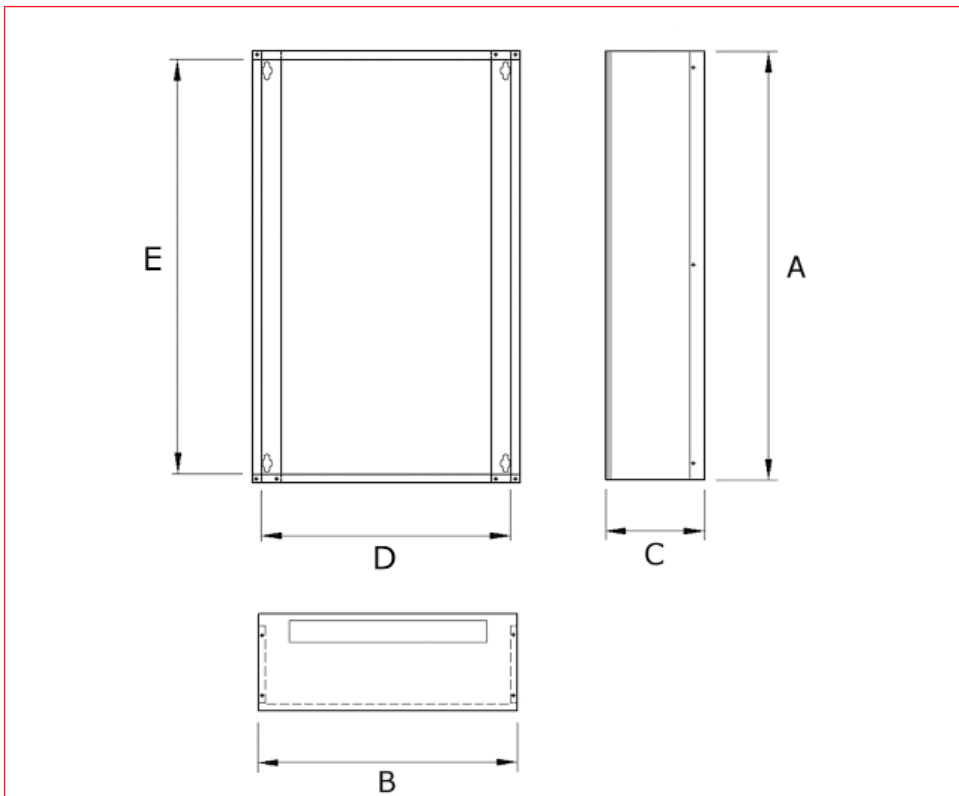


IL074101-F

Schrack-Info

- Modular designed multi-module enclosure made of sheet steel without back panel
- Can be delivered in the sizes of 1M/18 to 5M/45 Modul-high enclosures
- Available in depths of 100mm and 200mm, all crossbars are designed with 45mm slot and blank cover
- Set items (2x vertical uprights, 2x crossbars, rivet set) only available as IL078... with 200mm depth
- Rivet set and insert fixing screws always enclosed at crossbars IL074... and IL076
- PU: 2 pcs.
- Degree of protection IP20C
- RAL7035 light grey

Dimensions














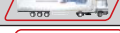


 Modul 2000 - Multi-module enclosure

Type	Meter spaces	Modul heights	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Radiant power loss [W]*
Depth 100mm								
1M12	1	12	595	330	100	290	555	-83
1M18	1	18	875	330	100	290	830	-117
2M12	2	12	595	540	100	500	555	-122
2M18	2	18	875	540	100	500	830	-172
3M12	3	12	595	760	100	720	555	-163
3M18	3	18	875	760	100	720	830	-230
4M12	4	12	595	980	100	940	555	-204
4M18	4	18	875	980	100	940	830	-288
Depth 200mm								
1M12	1	12	595	330	200	290	555	-112
1M18	1	18	875	330	200	290	830	-156
1M21	1	21	1010	330	200	290	970	-178
1M24	1	24	1150	330	200	290	1105	-200
1M28	1	28	1335	330	200	290	1290	-229
1M33	1	33	1565	330	200	290	1520	-265
1M39	1	39	1855	330	200	290	1795	-311
1M42	1	42	1995	330	200	290	1935	-333
1M45	1	45	2130	330	200	290	2070	-355
2M12	2	12	595	540	200	500	555	-169
2M18	2	18	875	540	200	500	830	-217
2M21	2	21	1010	540	200	500	970	-246
2M24	2	24	1150	540	200	500	1105	-276
2M28	2	28	1335	540	200	500	1290	-316
2M33	2	33	1565	540	200	500	1520	-365
2M39	2	39	1855	540	200	500	1795	-428
2M42	2	42	1995	540	200	500	1935	-458
2M45	2	45	2130	540	200	500	2070	-487
3M12	3	12	595	760	200	720	555	-204
3M18	3	18	875	760	200	720	830	-281
3M21	3	21	1010	760	200	720	970	-318
3M24	3	24	1150	760	200	720	1105	-356
3M28	3	28	1335	760	200	720	1290	-407
3M33	3	33	1565	760	200	720	1520	-470
3M39	3	39	1855	760	200	720	1795	-549
3M42	3	42	1995	760	200	720	1935	-588
3M45	3	45	2130	760	200	720	2070	-625
4M12	4	12	610	980	200	940	555	-256
4M18	4	18	875	980	200	940	830	-345
4M21	4	21	1010	980	200	940	970	-390
4M24	4	24	1150	980	200	940	1105	-436
4M28	4	28	1335	980	200	940	1290	-498
4M33	4	33	1565	980	200	940	1520	-575
4M39	4	39	1855	980	200	940	1795	-671
4M42	4	42	1995	980	200	940	1935	-718
4M45	4	45	2130	980	200	940	2070	-763
5M12	5	12	595	1180	200	1140	555	-294
5M18	5	18	875	1180	200	1140	830	-403
5M21	5	21	1010	1180	200	1140	970	-455
5M24	5	24	1150	1180	200	1140	1105	-509
5M28	5	28	1335	1180	200	1140	1290	-581
5M33	5	33	1565	1180	200	1140	1520	-670
5M39	5	39	1855	1180	200	1140	1795	-782
5M42	5	42	1995	1180	200	1140	1935	-836
5M45	5	45	2130	1180	200	1140	2070	-889


*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268

Modul 2000 - Multi-module enclosure

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Multi-module enclosure depth 100mm			
Crossbar 100mm, 1 slot 45mm, 1 unit-wide	330x20x100		IL076101-F
Crossbar 100mm, 1 slot 45mm, 2 unit-wide	540x20x100		IL076201-F
Crossbar 100mm, 1 slot 45mm, 3 unit-wide	760x20x100		IL076301-F
Crossbar 100mm, 2 slots 45mm, 4 unit-wide	980x20x100		IL076401-F
Vertical upright 100mm / 12 Modul heights	20x595x100		IL077112-F
Vertical upright 100mm / 18 Modul heights	20x875x100		IL077118-F
Multi-module enclosure depth 200mm			
Crossbar 200mm, 1 slot 45mm, 1 unit-wide	330x20x200		IL074101-F
Crossbar 200mm, 1 slot 45mm, 2 unit-wide	540x20x200		IL074201-F
Crossbar 200mm, 1 slot 45mm, 3 unit-wide	760x20x200		IL074301-F
Crossbar 200mm, 2 slots 45mm, 4 unit-wide	980x20x200		IL074401-F
Crossbar 200mm, 2 slots 45mm, 5 unit-wide	1180x20x200		IL074501
Vertical upright 200mm / 12 Modul heights	20x595x200		IL075112-F
Vertical upright 200mm / 18 Modul heights	20x875x200		IL075118-F
Vertical upright 200mm / 21 Modul heights	20x1010x200		IL075121-F
Vertical upright 200mm / 24 Modul heights	20x1150x200		IL075124-F
Vertical upright 200mm / 28 Modul heights	20x1335x200		IL075128-F
Vertical upright 200mm / 33 Modul heights	20x1565x200		IL075133-F
Vertical upright 200mm / 39 Modul heights	20x1855x200		IL075139-F
Vertical upright 200mm / 42 Modul heights	20x1995x200		IL075142-F
Vertical upright 200mm / 45 Modul heights	20x2130x200		IL075145-F

Modul 2000 - Multi-module enclosure

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Multi-module enclosure SET depth 200mm (2 vertical uprights and crossbars, rivet set included)			
1 unit-wide, 12 Modul heights	330x595x200		IL078112
1 unit-wide, 18 Modul heights	330x875x200		IL078118
1 unit-wide, 21 Modul heights	330x1010x200		IL078121
1 unit-wide, 24 Modul heights	330x1150x200		IL078124
1 unit-wide, 28 Modul heights	330x1335x200		IL078128
2 unit-wide, 12 Modul heights	540x595x200		IL078212
2 unit-wide, 18 Modul heights	540x875x200		IL078218
2 unit-wide, 21 Modul heights	540x1010x200		IL078221
2 unit-wide, 24 Modul heights	540x1150x200		IL078224
2 unit-wide, 28 Modul heights	540x1335x200		IL078228
2 unit-wide, 33 Modul heights	540x1565x200		IL078233
2 unit-wide, 39 Modul heights	540x1855x200		IL078239
2 unit-wide, 42 Modul heights	540x1995x200		IL078242
2 unit-wide, 45 Modul heights	540x2130x200		IL078245
3 unit-wide, 12 Modul heights	760x595x200		IL078312
3 unit-wide, 18 Modul heights	760x875x200		IL078318
3 unit-wide, 21 Modul heights	760x1010x200		IL078321
3 unit-wide, 24 Modul heights	760x1150x200		IL078324
3 unit-wide, 28 Modul heights	760x1335x200		IL078328
3 unit-wide, 33 Modul heights	760x1565x200		IL078333
3 unit-wide, 39 Modul heights	760x1855x200		IL078339
3 unit-wide, 42 Modul heights	760x1995x200		IL078342
3 unit-wide, 45 Modul heights	760x2130x200		IL078345
4 unit-wide, 12 Modul heights	980x595x200		IL078412
4 unit-wide, 18 Modul heights	980x875x200		IL078418
4 unit-wide, 21 Modul heights	980x1010x200		IL078421
4 unit-wide, 24 Modul heights	980x1150x200		IL078424
4 unit-wide, 28 Modul heights	980x1335x200		IL078428
4 unit-wide, 33 Modul heights	980x1565x200		IL078433
4 unit-wide, 39 Modul heights	980x1855x200		IL078439
4 unit-wide, 42 Modul heights	980x1995x200		IL078442
4 unit-wide, 45 Modul heights	980x2130x200		IL078445
5 unit-wide, 18 Modul heights	1180x875x200		IL078518
5 unit-wide, 21 Modul heights	1180x1010x200		IL078521
5 unit-wide, 24 Modul heights	1180x1150x200		IL078524
5 unit-wide, 28 Modul heights	1180x1335x200		IL078528
5 unit-wide, 33 Modul heights	1180x1565x200		IL078533
5 unit-wide, 39 Modul heights	1180x1855x200		IL078539
5 unit-wide, 42 Modul heights	1180x1995x200		IL078542
5 unit-wide, 45 Modul heights	1180x2130x200		IL078545
Open rack accessories			
Rivet set for multi-module enclosure			IL900313-F



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Base front and side panels IP20C



IL091020

Schrack-Info

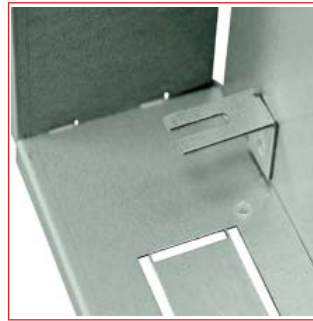
- Modular base consisting of front frame and side panels 100mm height
- Front frame can alternatively be used as back panel
- Side panels for multi-module enclosures of 100, 200mm depth and for wall-mounted enclosures of 250, 300 and 400mm depth
- 2 bases stackable for 200mm height
- Material: 2.0mm sheet steel, plastic powder coated
- RAL7035 light grey

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Base front for Modul 2000 IP20C, 1 unit-wide	376x100x30		IL091100
Base front for Modul 2000 IP20C, 2 unit-wide	584x100x30		IL091200
Base front for Modul 2000 IP20C, 3 unit-wide	804x100x30		IL091300
Base front for Modul 2000 IP20C, 4 unit-wide	1024x100x30		IL091400
Base front for Modul 2000 IP20C, 5 unit-wide	1224x100x30		IL091500
Side panel 250mm (1 pair)	240x100x30		IL091125
Side panel 300mm (1 pair)	290x100x30		IL091130
Side panel 400mm (1 pair)	390x100x30		IL091140
Base front for M2000 multi-module enclosure, 1 unit-wide	330x100x20		IL091010
Base front for M2000 multi-module enclosure, 2 unit-wide	540x100x20		IL091020
Base front for M2000 multi-module enclosure, 3 unit-wide	760x100x20		IL091030
Base front for M2000 multi-module enclosure, 4 unit-wide	980x100x20		IL091040
Base front for M2000 multi-module enclosure, 5 unit-wide	1180x100x20		IL091050
Side panel for multi-module enclosure, 100mm (1 pair)	110x110x50		IL091110
Side panel for multi-module enclosure, 200mm (1 pair)	210x110x50		IL091120

Modul 2000 - Wall boxes



IL067212-F



IL067XXX



IL369XXX



IL369XXX



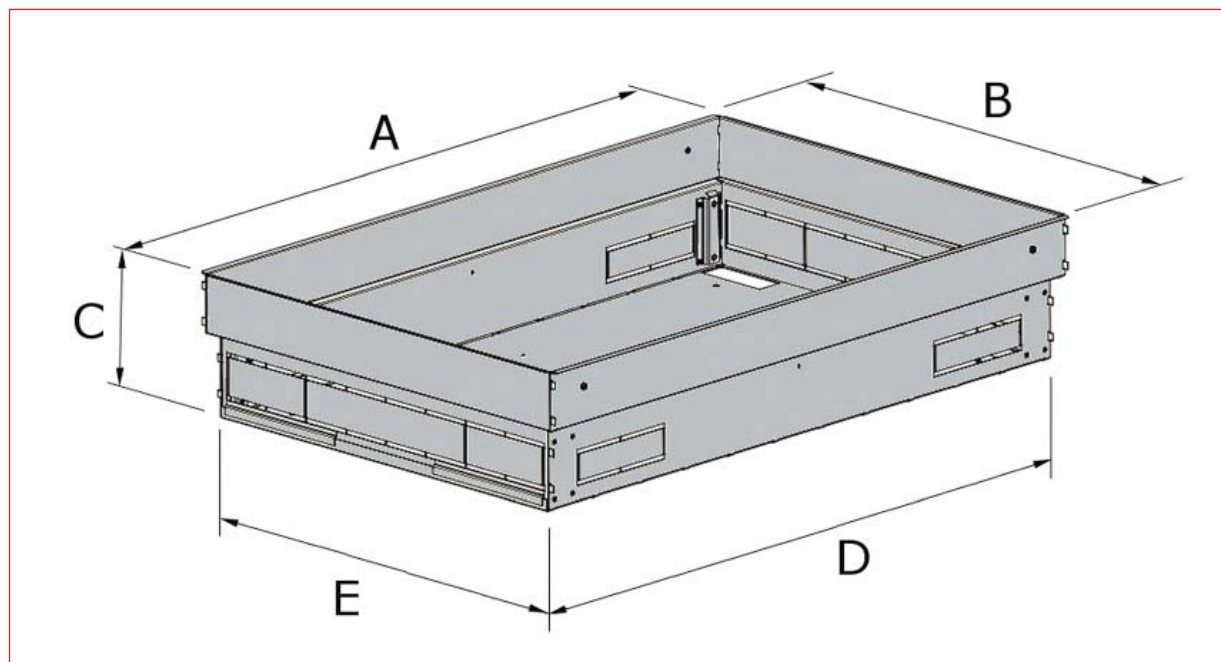
IL369XXX

Schrack-Info

- IL067...depth 100mm and IL068...depth 180mm are only available as two-part system
- IL369...depth 240mm with a plaster cover and prepared for the insertion of installation and precounter inserts - three part system (S3)
- Small storage and transport volume thanks to folding construction
- Reinforcement profiles prevent lateral denting
- Pre-punched knockout membranes on all sides for easy cable entry
- Multiple options for earthing
- Easy assembly without screws
- Material: galvanised steel sheet

Modul 2000 - Wall boxes

Dimensions






























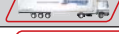


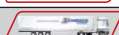













Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
IL369107-F	405	370	245	370	305
IL369207-F	405	580	245	370	510
IL369112-F	635	370	245	600	305
IL369212-F	635	580	245	600	510
IL369312-F	635	800	245	600	730
IL369412-F	635	1020	245	600	950
IL369116-F	825	370	245	785	305
IL369118-F	910	370	245	875	305
IL369218-F	910	580	245	875	510
IL369318-F	910	800	245	875	730
IL369418-F	910	1020	245	875	950
IL369121-F	1050	370	245	1010	305
IL369221-F	1050	580	245	1010	510
IL369321-F	1050	800	245	1010	730
IL369421-F	1050	1020	245	1010	950
IL369124-F	1190	370	245	1150	305
IL369224-F	1190	580	245	1150	510
IL369324-F	1190	800	245	1150	735
IL369424-F	1190	1020	245	1150	950
IL369524-F	1190	1220	245	1150	1155
IL369128-F	1365	370	245	1325	305

Type	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]
IL369228-F	1365	580	245	1325	510
IL369328-F	1365	800	245	1325	730
IL369428-F	1365	1020	245	1325	950
IL369528-F	1365	1220	245	1325	1155
IL369233-F	1600	580	245	1565	510
IL369333-F	1600	800	245	1565	730
IL369433-F	1600	1020	245	1565	950
IL369533-F	1600	1220	245	1565	1155
IL369139-F	1880	370	245	1840	305
IL369239-F	1880	580	245	1840	510
IL369339-F	1880	800	245	1840	730
IL369439-F	1880	1020	245	1840	950
IL369539-F	1880	1220	245	1840	1155
IL369242-F	2015	580	245	1980	510
IL369342-F	2015	800	245	1980	730
IL369442-F	2015	1020	245	1980	950
IL369542-F	2015	1220	245	1980	1155
IL369245-F	2155	580	245	2115	510
IL369345-F	2155	800	245	2115	730
IL369445-F	2155	1020	245	2115	950
IL369545-F	2155	1220	245	2115	1155

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Wall box depth 100mm - flat version			
2 unit-wide, 12 Modul heights	580x635x100		IL067212-F
2 unit-wide, 18 Modul heights	580x910x100		IL067218-F
2 unit-wide, 21 Modul heights	580x1050x100		IL067221-F
2 unit-wide, 24 Modul heights	580x1190x100		IL067224-F
3 unit-wide, 12 Modul heights	800x635x100		IL067312-F
3 unit-wide, 18 Modul heights	800x910x100		IL067318-F
3 unit-wide, 21 Modul heights	800x1050x100		IL067321-F
3 unit-wide, 24 Modul heights	800x1190x100		IL067324-F
Wall box depth 180mm			
1 unit-wide, 18 Modul heights	370x910x180		IL068118-F
1 unit-wide, 21 Modul heights	370x1050x180		IL068121-F
1 unit-wide, 24 Modul heights	370x1190x180		IL068124-F
2 unit-wide, 7 Modul heights	580x405x180		IL068207-F
2 unit-wide, 12 Modul heights	580x635x180		IL068212-F



Modul 2000 - Wall boxes

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Wall box depth 180mm			
2 unit-wide, 18 Modul heights	580x910x180		IL068218-F
2 unit-wide, 21 Modul heights	580x1050x180		IL068221-F
2 unit-wide, 24 Modul heights	580x1190x180		IL068224-F
Wall box depth 245mm, 3-part system			
1 unit-wide, 7 Modul heights	370x405x245		IL369107-F
1 unit-wide, 12 Modul heights	370x635x245		IL369112-F
1 unit-wide, 16 Modul heights	370x825x245		IL369116-F
1 unit-wide, 18 Modul heights	370x910x245		IL369118-F
1 unit-wide, 21 Modul heights	370x1050x245		IL369121-F
1 unit-wide, 24 Modul heights	370x1190x245		IL369124-F
1 unit-wide, 28 Modul heights	370x1365x245		IL369128-F
2 unit-wide, 7 Modul heights	580x405x245		IL369207-F
2 unit-wide, 12 Modul heights	580x635x245		IL369212-F
2 unit-wide, 18 Modul heights	580x910x245		IL369218-F
2 unit-wide, 21 Modul heights	580x1050x245		IL369221-F
2 unit-wide, 24 Modul heights	580x1190x245		IL369224-F
2 unit-wide, 28 Modul heights	580x1365x245		IL369228-F
2 unit-wide, 33 Modul heights	580x1600x245		IL369233-F
2 unit-wide, 39 Modul heights	580x1880x245		IL369239-F
2 unit-wide, 42 Modul heights	580x2015x245		IL369242-F
2 unit-wide, 45 Modul heights	580x2155x245		IL369245-F
3 unit-wide, 7 Modul heights	800x635x245		IL369312-F
3 unit-wide, 18 Modul heights	800x910x245		IL369318-F
3 unit-wide, 21 Modul heights	800x1050x245		IL369321-F
3 unit-wide, 24 Modul heights	800x1190x245		IL369324-F
3 unit-wide, 28 Modul heights	800x1365x245		IL369328-F
3 unit-wide, 33 Modul heights	800x1600x245		IL369333-F
3 unit-wide, 39 Modul heights	800x1880x245		IL369339-F
3 unit-wide, 42 Modul heights	800x2015x245		IL369342-F
3 unit-wide, 45 Modul heights	800x2155x245		IL369345-F
4 unit-wide, 12 Modul heights	1020x635x245		IL369412-F
4 unit-wide, 18 Modul heights	1020x910x245		IL369418-F
4 unit-wide, 21 Modul heights	1020x1050x245		IL369421-F
4 unit-wide, 24 Modul heights	1020x1190x245		IL369424-F
4 unit-wide, 28 Modul heights	1020x1365x245		IL369428-F
4 unit-wide, 33 Modul heights	1020x1600x245		IL369433-F
Wall box, 4 unit-wide, 39 Modul heights	1020x1880x245		IL369439-F
4 unit-wide, 42 Modul heights	1020x2015x245		IL369442-F
4 unit-wide, 45 Modul heights	1020x2155x245		IL369445-F
4 unit-wide, 24 Modul heights	1220x1190x245		IL369524-F
5 unit-wide, 28 Modul heights	1220x1365x245		IL369528-F
5 unit-wide, 33 Modul heights	1220x1600x245		IL369533-F
5 unit-wide, 39 Modul heights	1220x1880x245		IL369539-F
5 unit-wide, 42 Modul heights	1220x2015x245		IL369542-F
5 unit-wide, 45 Modul heights	1220x2155x245		IL369545-F

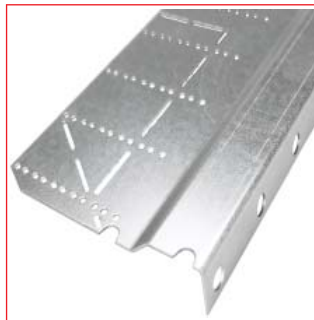


Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Support structure



IL046XXXX



IL0460XX-G



IL0461XX-G

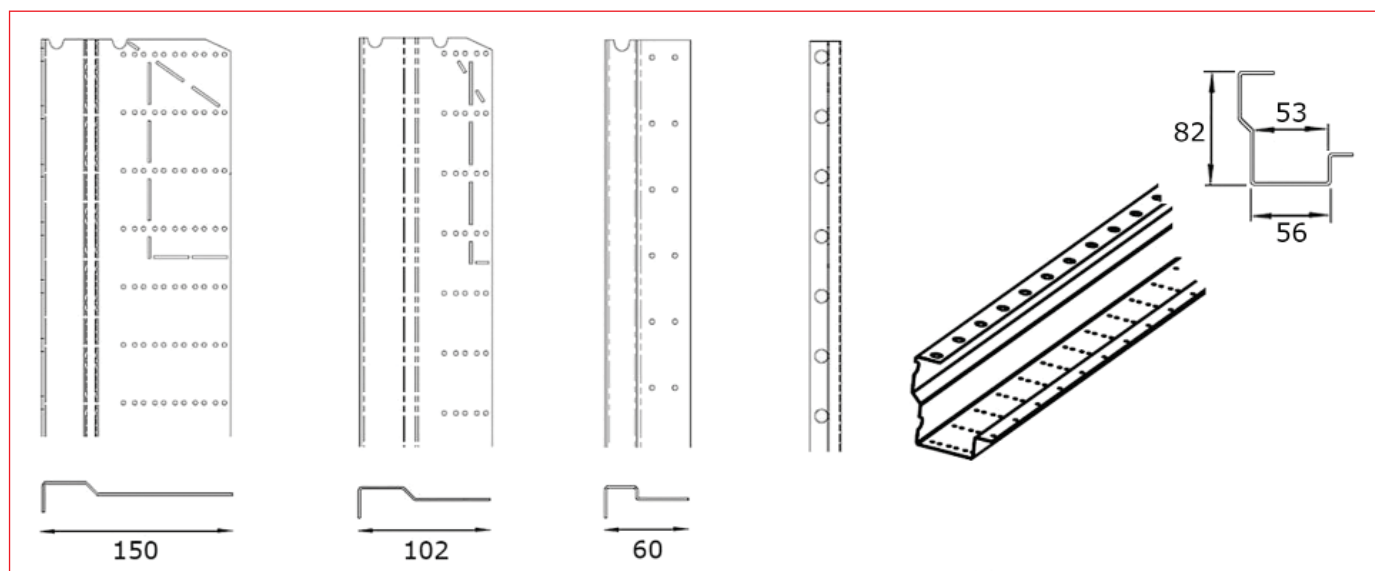


IL0462XX-F

Schrack-Info




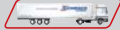



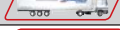
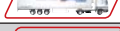




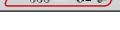

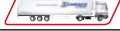


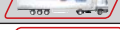























- For 7 to 45 Modul-high enclosures and in 3 depths (60, 102 and 150mm)
- Incremental of Modul height are 46mm
- Up to six depth levels possible
- When using the cable duct solution, specific support rails and front plates have to be used
- Suitable for wall-mounted, flush-mounted and multi-module enclosure
- Depth rail attachable
- Material: 1.5mm galvanised sheet steel, folded

Dimensions



DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Depth 60mm - for flat version			
12 Modul heights	24x530x60		IL046212-F
18 Modul heights	24x806x60		IL046218-F
21 Modul heights	24x944x60		IL046221-F
24 Modul heights	24x1082x60		IL046224-F
28 Modul heights	24x1266x60		IL046228-F




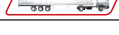
Modul 2000 - Support structure

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Depth 60mm - for flat version			
41 Modul heights	24x1864x60		IL046241-F
42 Modul heights	24x1910x60		IL046242-F
Depth 102mm - for wall-mounted frame with depth 180mm			
7 Modul heights	24x300x102		IL046107-G
12 Modul heights	24x530x102		IL046112-G
16 Modul heights	24x714x102		IL046116-G
18 Modul heights	24x806x102		IL046118-G
21 Modul heights	24x944x102		IL046121-G
24 Modul heights	24x1082x102		IL046124-G
28 Modul heights	24x1266x102		IL046128-G
33 Modul heights	24x1496x102		IL046133-G
39 Modul heights	24x1772x102		IL046139-G
41 Modul heights	24x1864x102		IL046141-G
42 Modul heights	24x1910x102		IL046142-G
45 Modul heights	24x2048x102		IL046145-G
Depth 150mm - for all frames with depth ≥ 250mm from 16 - 45 Modul heights			
16 Modul heights	24x714x150		IL046016-G
18 Modul heights	24x806x150		IL046018-G
21 Modul heights	24x944x150		IL046021-G
24 Modul heights	24x1082x150		IL046024-G
28 Modul heights	24x1266x150		IL046028-G
32 Modul heights	24x1450x150		IL046032-G
33 Modul heights	24x1496x150		IL046033-G
36 Modul heights	24x1634x150		IL046036-G
39 Modul heights	24x1772x150		IL046039-G
40 Modul heights	24x1818x150		IL046040-G
41 Modul heights	24x1910x150		IL046041-G
42 Modul heights	24x1910x150		IL046042-G
45 Modul heights	24x2048x150		IL046045-G
Support structure for cable duct solution			
24 Modul heights	82x1082x81		IL046524-G
28 Modul heights	82x1266x81		IL046528-G
33 Modul heights	82x1496x81		IL046533-G
37 Modul heights	82x1680x81		IL046537-G
39 Modul heights	82x1772x81		IL046539-G
40 Modul heights	82x1818x81		IL046540-G
41 Modul heights	82x1864x81		IL046541-G
42 Modul heights	82x1910x81		IL046542-G
45 Modul heights	82x2048x81		IL046545-G
ALU- HC rails for cable duct solution			
2 unit-wide			IL081207
3 unit-wide			IL081307
4 unit-wide			IL081407
5 unit-wide			IL081507
Front plates for cable duct solution			
2 unit-wide, 3 Modul heights 2G3	500x138x18		IL053203
2 unit-wide, 4 Modul heights 2G4	500x184x18		IL053204
3 unit-wide, 3 Modul heights 3G3	720x138x18		IL053303
3 unit-wide, 4 Modul heights 3G4	720x184x18		IL053304



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Support structure

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Front plates for cable duct solution			
4 unit-wide, 3 Modul heights 4G3	940x138x18		IL053403
4 unit-wide, 4 Modul heights 4G4	940x184x18		IL053404
5 unit-wide, 3 Modul heights 5G3	1140x138x18		IL053503
5 unit-wide, 4 Modul heights 5G4	1140x184x18		IL053504

Modul 2000 - Doors for wall-mounted frame IP20C



IL047542-F

Schrack-Info

- As replacement or for completion of IL001... frames
- Design with 3-point rod lock and swing handle for single profile cylinder (IL900205-F)
- Material: powder coated sheet steel, 1.5mm
- RAL7035 light grey

DESCRIPTION	AVAILABLE	ORDER NO.
Doors with rod lock, RAL7035		
Single door, 3 unit-wide, 39 Modul heights		IL047339-F
Double door, 4 unit-wide, 39 Modul heights		IL047439-F
Double door, 5 unit-wide, 39 Modul heights		IL047539-F
Single door, 3 unit-wide, 42 Modul heights		IL047342-F
Double door, 4 unit-wide, 42 Modul heights		IL047442-F
Double door, 5 unit-wide, 42 Modul heights		IL047542-F
Single door, 3 unit-wide, 45 Modul heights		IL047345-F
Double door, 4 unit-wide, 45 Modul heights		IL047445-F
Double door, 5 unit-wide, 45 Modul heights		IL047545-F



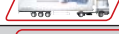



Modul 2000 - Rear panels for wall-mounted frame IP20C





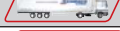
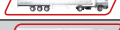





















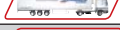






IL042324-F

Schrack-Info

- Suitable for wall-mounted, multi-module enclosure and as intermediate insulation for meter board kits
- Rear panel affixable to frame with double-sided adhesive tape
- Material: 2mm plastic, on request also available in metal (1mm thickness)
- RAL7035 light grey

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Rear panels plastic			
1 unit-wide, 7 Modul heights	322x361x2		IL042107-F
1 unit-wide, 12 Modul heights	322x591x2		IL042112-F
1 unit-wide, 16 Modul heights	322x775x2		IL042116-F
1 unit-wide, 18 Modul heights	322x867x2		IL042118-F
1 unit-wide, 21 Modul heights	322x1005x2		IL042121-F
1 unit-wide, 24 Modul heights	322x1143x2		IL042124-F
1 unit-wide, 28 Modul heights	322x1327x2		IL042128-F
2 unit-wide, 7 Modul heights	530x361x2		IL042207-F

Modul 2000 - Rear panels for wall-mounted frame IP20C

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Rear panels plastic			
2 unit-wide, 12 Modul heights	530x591x2		IL042212-F
2 unit-wide, 18 Modul heights	530x867x2		IL042218-F
2 unit-wide, 21 Modul heights	530x1005x2		IL042221-F
2 unit-wide, 24 Modul heights	530x1143x2		IL042224-F
2 unit-wide, 28 Modul heights	530x1327x2		IL042228-F
2 unit-wide, 33 Modul heights	530x1557x2		IL042233-F
2 unit-wide, 39 Modul heights	530x1833x2		IL042239-F
2 unit-wide, 42 Modul heights	530x1971x2		IL042242-F
2 unit-wide, 45 Modul heights	530x2109x2		IL042245-F
3 unit-wide, 12 Modul heights	750x591x2		IL042312-F
3 unit-wide, 18 Modul heights	750x867x2		IL042318-F
3 unit-wide, 21 Modul heights	750x1005x2		IL042321-F
3 unit-wide, 24 Modul heights	750x1143x2		IL042324-F
3 unit-wide, 28 Modul heights	750x1327x2		IL042328-F
3 unit-wide, 33 Modul heights	750x1557x2		IL042333-F
3 unit-wide, 39 Modul heights	750x1833x2		IL042339-F
3 unit-wide, 42 Modul heights	750x1971x2		IL042342-F
3 unit-wide, 45 Modul heights	750x2109x2		IL042345-F
4 unit-wide, 12 Modul heights	970x591x2		IL042412-F
4 unit-wide, 18 Modul heights	970x867x2		IL042418-F
4 unit-wide, 21 Modul heights	970x1005x2		IL042421-F
4 unit-wide, 24 Modul heights	970x1143x2		IL042424-F
4 unit-wide, 28 Modul heights	970x1327x2		IL042428-F
4 unit-wide, 33 Modul heights	970x1557x2		IL042433-F
4 unit-wide, 39 Modul heights	970x1833x2		IL042439-F
4 unit-wide, 42 Modul heights	970x1971x2		IL042442-F
4 unit-wide, 45 Modul heights	970x2109x2		IL042445-F
5 unit-wide, 24 Modul heights	1170x1327x2		IL042524-F
5 unit-wide, 28 Modul heights	1170x1327x2		IL042528-F
5 unit-wide, 33 Modul heights	1170x1557x2		IL042533-F
5 unit-wide, 39 Modul heights	1170x1833x2		IL042539-F
5 unit-wide, 42 Modul heights	1170x1971x2		IL042542-F
5 unit-wide, 45 Modul heights	1170x2109x2		IL042545-F



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Front plates



IL05XXXXXX



IL051103-H



IL066101-H





















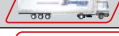



















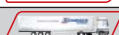





IL9022XXXX

Schrack-Info

- Slotted front plates have a device cut-out of 45mm, blind front plates are without device cut-out
- Affixable with the patented SCHRACK quick assembly plates and latches
- Material: 1 mm sheet steel, plastic powder coated or 2.5mm PVC
- RAL7035 light grey

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Sheet steel slotted			
1 unit-wide, 3 Modul heights, 1G3 long cut	290x138x18		IL051103-H
1 unit-wide, 4 Modul heights, 1G4 long cut	290x184x18		IL051104-H
2 unit-wide, 3 Modul heights, 2G3	500x138x18		IL051203-H
2 unit-wide, 4 Modul heights, 2G4	500x184x18		IL051204-H
3 unit-wide, 3 Modul heights, 3G3	720x138x18		IL051303-H
3 unit-wide, 3 Modul heights, 3G3 long cut	720x138x18		IL052303-H
2 unit-wide, 3 Modul heights, 2G3 long cut	500x138x18		IL052203-H
3 unit-wide, 4 Modul heights, 3G4	720x184x18		IL051304-H
3 unit-wide, 4, Modul heights, 3G4 long cut	720x184x18		IL052304-H
4 unit-wide, 3 Modul heights, 4G3	940x138x18		IL051403-H
4 unit-wide, 4 Modul heights, 4G4	940x184x18		IL051404-H
5 unit-wide, 3 Modul heights, 5G3	1140x138x18		IL051503-F
5 unit-wide, 4 Modul heights, 5G4	1140x184x18		IL051504-F
Sheet steel blind			
1 unit-wide, 1 Modul height, 1B1	290x46x18		IL056101-H
1 unit-wide, 3 Modul heights, 1B3	290x138x18		IL056103-H
1 unit-wide, 4, Modul heights, 1B4	290x184x18		IL056104-H
1 unit-wide, 5 Modul heights, 1B5	290x230x18		IL056105-H
1 unit-wide, 6 Modul, heights, 1B6	290x276x18		IL056106-H
1 unit-wide, 7 Modul heights, 1B7	290x322x18		IL056107-H
2 unit-wide, 1 Modul height, 2B1	500x46x18		IL056201-H
2 unit-wide, 3 Modul heights, 2B3	500x138x18		IL056203-H
2 unit-wide, 4 Modul heights, 2B4	500x184x18		IL056204-H
2 unit-wide, 5 Modul heights, 2B5	500x230x18		IL056205-H
2 unit-wide, 6 Modul heights, 2B6	500x276x18		IL056206-H













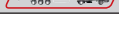

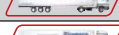





















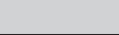
 Modul 2000 - Front plates

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Sheet steel blind			
2 unit-wide, 7 Modul heights, 2B7	500x322x18		IL056207-H
2 unit-wide, 9 Modul heights, 2B9	500x414x18		IL056209-H
2 unit-wide, 10 Modul heights, 2B10	500x460x18		IL056210-H
2 unit-wide, 12 Modul heights, 2B12	500x552x18		IL056212-G
2 unit-wide, 18 Modul heights, 2B18	500x828x18		IL056218-G
3 unit-wide, 1 Modul height, 3B1	720x46x18		IL056301-H
3 unit-wide, 3 Modul heights, 3B3	720x138x18		IL056303-H
3 unit-wide, 4 Modul heights, 3B4	720x184x18		IL056304-H
3 unit-wide, 5 Modul heights, 3B5	720x230x18		IL056305-H
3 unit-wide, 6 Modul heights, 3B6	720x276x18		IL056306-H
3 unit-wide, 7 Modul heights, 3B7	720x322x18		IL056307-H
3 unit-wide, 9 Modul heights, 3B9	720x414x18		IL056309-H
3 unit-wide, 10 Modul heights, 3B10	720x460x18		IL056310-H
3 unit-wide, 12 Modul heights, 3B12	720x552x18		IL056312-H
3 unit-wide, 18 Modul heights, 3B18	720x828x18		IL056318-H
4 unit-wide, 1 Modul height, 4B1	940x46x18		IL056401-H
4 unit-wide, 3 Modul heights, 4B3	940x138x18		IL056403-H
4 unit-wide, 4 Modul heights, 4B4	940x184x18		IL056404-H
4 unit-wide, 5 Modul heights, 4B5	940x230x18		IL056405-H
4 unit-wide, 6 Modul heights, 4B6	940x276x18		IL056406-H
4 unit-wide, 7 Modul heights, 4B7	940x322x18		IL056407-H
4 unit-wide, 9 Modul heights, 4B9	940x414x18		IL056409-H
4 unit-wide, 10 Modul heights, 4B10	940x460x18		IL056410-H
4 unit-wide, 12 Modul heights, 4B12	940x552x18		IL056412-H
4 unit-wide, 18 Modul heights, 4B18	940x828x18		IL056418-H
5 unit-wide, 1 Modul height, 5B1	1140x46x18		IL056501-F
5 unit-wide, 3 Modul heights, 5B3	1140x138x18		IL056503-F
5 unit-wide, 4 Modul heights, 5B4	1140x184x18		IL056504-F
5 unit-wide, 5 Modul heights, 5B5	1140x230x18		IL056505-F
5 unit-wide, 6 Modul heights, 5B6	1140x276x18		IL056506-F
5 unit-wide, 7 Modul heights, 5B7	1140x322x18		IL056507-F
5 unit-wide, 9 Modul heights, 5B9	1140x414x18		IL056509-H
5 unit-wide, 10 Modul heights, 5B10	1140x460x18		IL056510-H
5 unit-wide, 12 Modul heights, 5B12	1140x552x18		IL056512-F
5 unit-wide, 18 Modul heights, 5B18	1140x828x18		IL056518-F
Plastic slotted			
1 unit-wide, 3 Modul heights, 1G3K-L long cut	290x138x18		IL061103-H
1 unit-wide, 4 Modul heights, 1G4K long cut	290x184x18		IL061104-H
2 unit-wide, 3 Modul heights 2G3K	500x138x18		IL061203-H
2 unit-wide, 4 Modul heights 2G4K	500x184x18		IL061204-H
3 unit-wide, 3 Modul heights, 3G3K	720x138x18		IL061303-H
3 unit-wide, 4 Modul heights, 3G4K	720x184x18		IL061304-H
4 unit-wide, 3 Modul heights, 4G3K	940x138x18		IL061403-H
4 unit-wide, 4 Modul heights, 4G4K	940x184x18		IL061404-H
5 unit-wide, 3 Modul heights, 5G3K	1140x138x18		IL061503-F
5 unit-wide, 4 Modul heights, 5G4K	1140x184x18		IL061504-F
2 unit-wide, 3 Modul heights, 2G3K-L long cut	500x138x18		IL062203-H
2 unit-wide, 4 Modul heights, 2G4K-L long cut	500x184x18		IL062204-H



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Front plates

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Plastic blind			
1 unit-wide, 1 Modul height, 1B1K	290x46x18		IL066101-H
1 unit-wide, 3 Modul heights, 1B3K	290x138x18		IL066103-H
1 unit-wide, 4 Modul heights, 1B4K	290x184x18		IL066104-H
1 unit-wide, 5 Modul heights, 1B5K	290x230x18		IL066105-H
1 unit-wide, 6 Modul heights, 1B6K	290x276x18		IL066106-H
1 unit-wide, 7 Modul heights, 1B7K	290x322x18		IL066107-H
2 unit-wide, 1 Modul height 2B1K	500x46x18		IL066201-H
2 unit-wide, 3 Modul heights 2B3K	500x138x18		IL066203-H
2 unit-wide, 4 Modul heights 2B4K	500x184x18		IL066204-H
2 unit-wide, 5 Modul heights 2B5K	500x230x18		IL066205-H
2 unit-wide, 6 Modul heights 2B6K	500x276x18		IL066206-H
2 unit-wide, 7 Modul heights 2B7K	500x322x18		IL066207-H
2 unit-wide, 9 Modul heights 2B9K	500x414x18		IL066209
2 unit-wide, 10 Modul heights, 2B10K	500x466x18		IL066210
2 unit-wide, 12 Modul heights 2B12K	500x552x18		IL066212
2 unit-wide, 13 Modul heights 2B13K	500x598x18		IL066213
2 unit-wide, 18 Modul heights 2B18K	500x828x18		IL066218
3 unit-wide, 1 Modul height 3B1K	720x46x18		IL066301-H
3 unit-wide, 3 Modul heights, 3B3K	720x138x18		IL066303-H
3 unit-wide, 4 Modul heights, 3B4K	720x184x18		IL066304-H
3 unit-wide, 5 Modul heights, 3B5K	720x230x18		IL066305-H
3 unit-wide, 6 Modul heights, 3B6K	720x276x18		IL066306-H
3 unit-wide, 7 Modul heights, 3B7K	720x322x18		IL066307-H
3 unit-wide, 9 Modul heights, 3B9K	720x414x18		IL066309
3 unit-wide, 10 Modul heights, 3B10K	720x466x18		IL066310
3 unit-wide, 12 Modul heights, 3B12K	720x552x18		IL066312
3 unit-wide, 13 Modul heights, 3B13K	720x598x18		IL066313
3 unit-wide, 18 Modul heights, 3B18K	720x828x18		IL066318
4 unit-wide, 1 Modul height, 4B1K	940x46x18		IL066401-H
4 unit-wide, 3 Modul heights, 4B3K	940x138x18		IL066403-H
4 unit-wide, 4 Modul heights, 4B4K	940x184x18		IL066404-H
4 unit-wide, 5 Modul heights, 4B5K	940x230x18		IL066405-H
4 unit-wide, 6 Modul heights, 4B6K	940x276x18		IL066406-H
4 unit-wide, 7 Modul heights, 4B7K	940x322x18		IL066407-H
4 unit-wide, 9 Modul heights, 4B9K	940x414x18		IL066409
4 unit-wide, 10 Modul heights, 4B10K	940x460x18		IL066410
4 unit-wide, 12 Modul heights, 4B12K	940x552x18		IL066412
4 unit-wide, 13 Modul heights, 4B13K	940x598x18		IL066413
4 unit-wide, 18 Modul heights, 4B18K	940x828x18		IL066418
5 unit-wide, 1 Modul height, 5B1K	1140x46x18		IL066501-F
5 unit-wide, 3 Modul heights, 5B3K	1140x138x18		IL066503-F
5 unit-wide, 4 Modul heights, 5B4K	1140x184x18		IL066504-F
5 unit-wide, 5 Modul heights, 5B5K	1140x230x18		IL066505-F
5 unit-wide, 6 Modul heights, 5B6K	1140x276x18		IL066506-F
5 unit-wide, 7 Modul heights, 5B7K	1140x322x18		IL066507-F
5 unit-wide, 9 Modul heights, 5B9K	1140x322x18		IL066509-F
5 unit-wide, 10 Modul heights, 5B10K	1140x466x18		IL066510
5 unit-wide, 12 Modul heights, 5B12K	1140x552x18		IL066512-F
5 unit-wide, 13 Modul heights, 5B13K	1140x598x18		IL066513-F
5 unit-wide, 18 Modul heights, 5B18K	1140x828x18		IL066518-F

Modul 2000 - Mounting rails



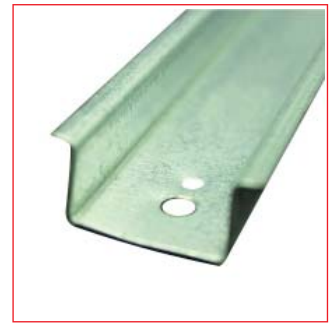
IL900444



IL080206-F



IL080202-F



IL080205-F



IL080101-F

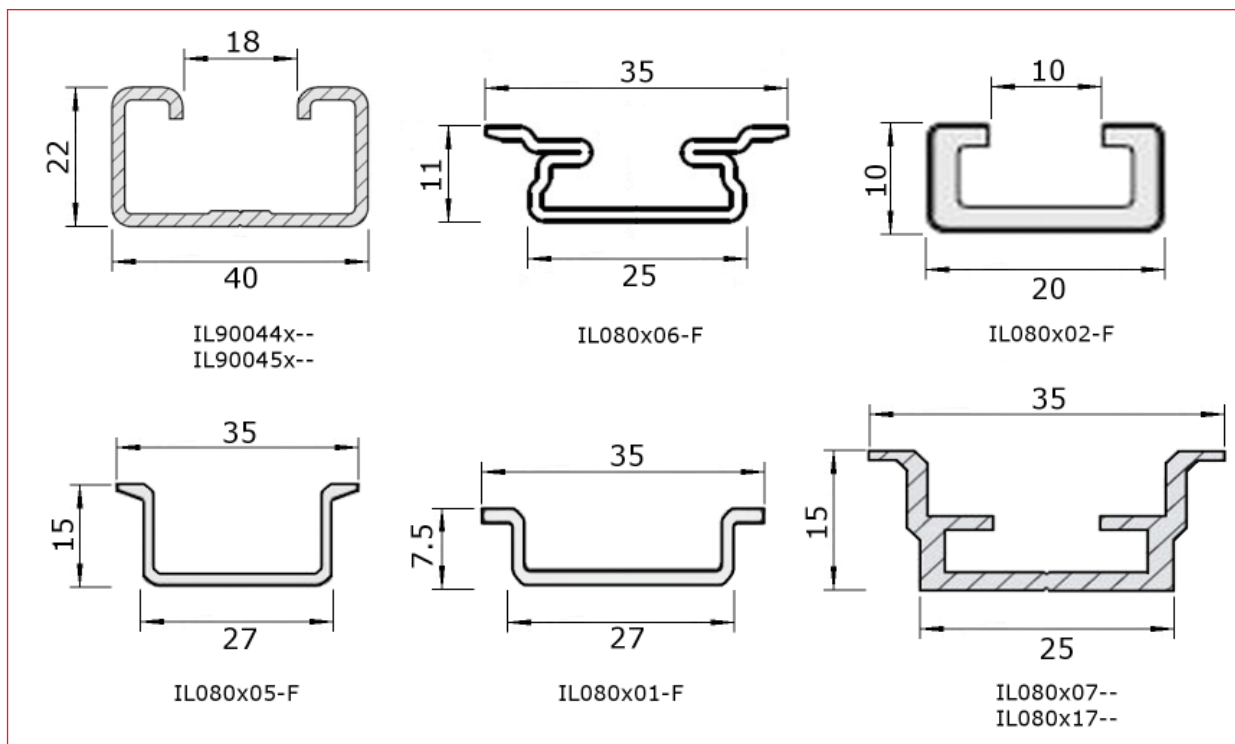


IL080107

Schrack-Info

- Cut to length and pre-drilled for the respective meter slot wide
- With stopper for mounting of switching devices
- Type ALU H/C made of aluminium standard profile

Dimensions




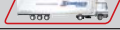
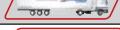


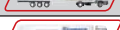









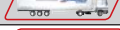



DESCRIPTION	AVAILABLE	ORDER NO.
Top hat rail 1H		IL080101-F
Top hat rail 1C		IL080102-F
Top hat rail 1HH - 35x15 mm		IL080105-F
SHC-rail 1H/C		IL080106-F
ALU H/C rail 1H/C		IL080107
Top hat rail 2H		IL080201-F
C section rail 2C		IL080202-F
Top hat rail 2HH - 35x15 mm		IL080205-F
SHC-rail 2H/C		IL080206-F
ALU H/C rail 2H/C		IL080207

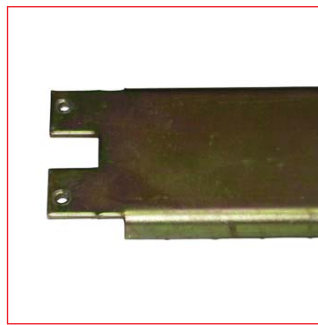


Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Mounting rails

DESCRIPTION	AVAILABLE	ORDER NO.
ALU 2H rail short		IL080217
Top hat rail 3H		IL080301-F
C section rail 3C		IL080302-F
Top hat rail 3HH - 35x15 mm		IL080305-F
SHC-rail 3H/C		IL080306-F
ALU H/C rail 3H/C		IL080307
ALU 3H rail short		IL080317
Top hat rail 4H		IL080401-F
C section rail 4C		IL080402-F
Top hat rail 4HH - 35x15 mm		IL080405-F
SHC-rail 4H/C		IL080406-F
ALU H/C rail 4H/C		IL080407
Top hat rail 4HC-K steel		IL080416-F
ALU 4H rail short		IL080417
C section rail 5C		IL080502-F
Top hat rail 5H low		IL080501-F
SHC-rail 5H/C		IL080506-F
ALU H/C rail 5H/C		IL080507
Top hat rail 5HC-K steel		IL080516-F
ALU 5H rail short		IL080517
Depth rail 110 mm for support structure		IL900221-F
Anchor channel, 2 unit-wide in insert		IL900452
Anchor channel, 3 unit-wide in insert		IL900453
Anchor channel, 4 unit-wide in insert		IL900454
Anchor channel, 5 unit-wide in insert		IL900455
Anchor channel 3-pole in Modul frame		IL900443

Modul 2000 - Mounting plates



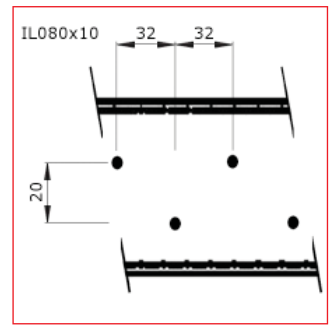
IL080209-F



IL080109-G



IL080112-G

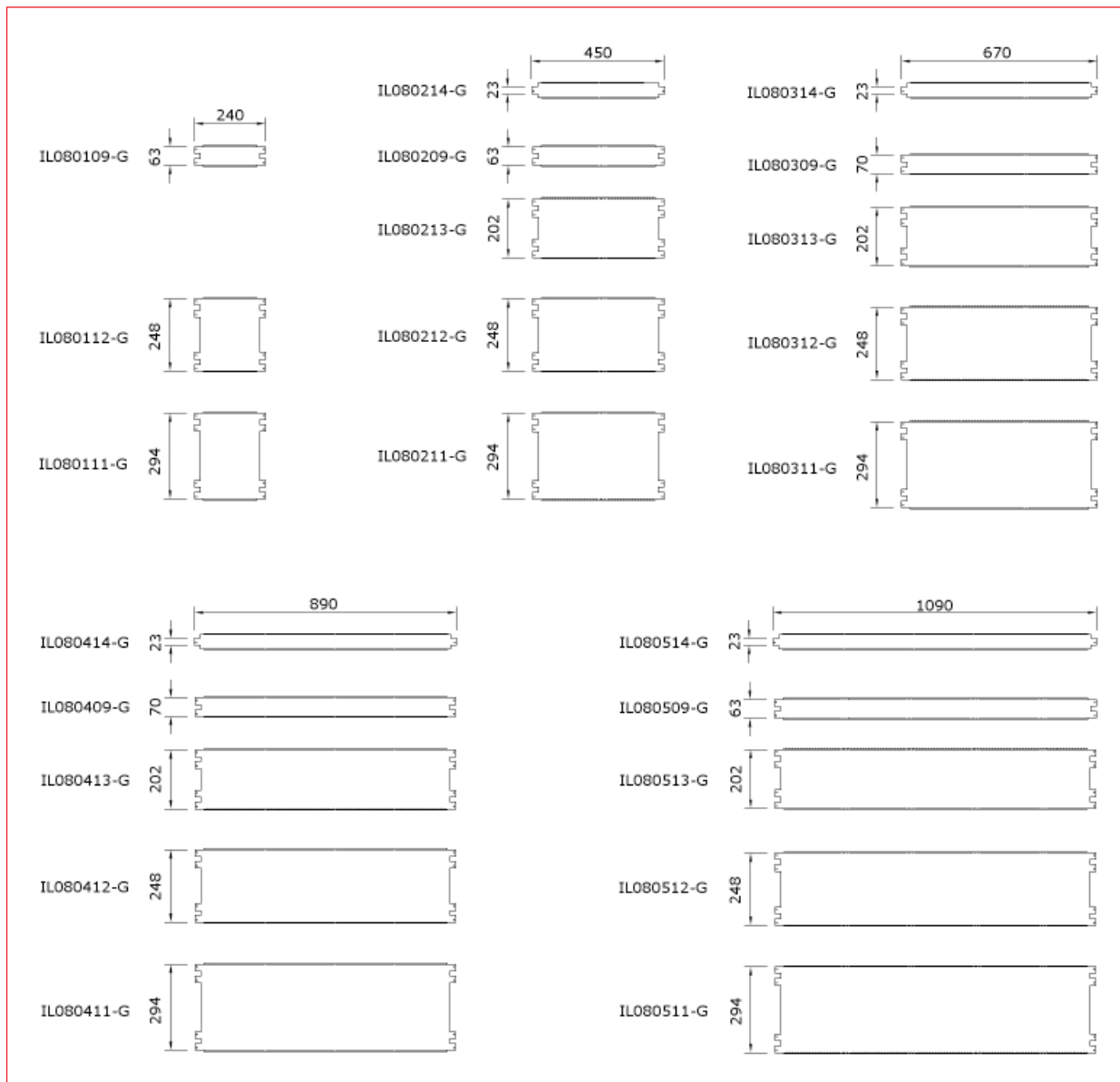


IL080x10









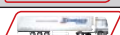


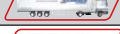






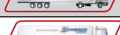









Schrack-Info

- Mounting plates available in sheet steel in different unit-wides and Modul heights
- Design: anodised blank or coated in RAL7035 light grey
- The types IL080x10 come with pre-drilled holes for the mounting of NH bases IS505001 and IS505004 (otherwise they are identical with type IL080x09-F)
- Material thickness 3mm

Dimensions



Modul 2000 - Mounting plates

DESCRIPTION	AVAILABLE	ORDER NO.
Mounting plates (WxHxD)		
1 unit-wide, 240x294x13 mm		IL080109-G
1 unit-wide, 240x294x13 mm, 7 Modul heights		IL080111-G
1 unit-wide, 240x248x13 mm, 6 Modul heights		IL080112-G
2 unit-wide, blanc, 450x70x13 mm		IL080209-F
2 unit-wide, 450x70x13 mm, RAL7035		IL080209-G
2 unit-wide, 11 holes, 450x70x13 mm		IL080210
2 unit-wide, 450x294x13 mm, 7 Modul heights		IL080211-G
2 unit-wide, 450x248x13 mm, 6 Modul heights		IL080212-G
2 unit-wide, 450x202x13 mm, 5 Modul heights		IL080213-G
2 unit-wide, 450x45x13 mm, 1 Modul height		IL080214-G
3 unit-wide, blanc, 670x70x13 mm		IL080309-F
3 unit-wide, 670x70x13 mm, RAL7035		IL080309-G
3 unit-wide, 19 holes, 670x70x13 mm		IL080310
3 unit-wide, blanc, 670x294x13mm, 7 Modul heights		IL080311-F
3 unit-wide, 670x294x13 mm, 7 Modul heights		IL080311-G
3 unit-wide, 670x248x13 mm, 6 Modul heights		IL080312-G
3 unit-wide, 670x202x13 mm, 5 Modul heights		IL080313-G
4 unit-wide, 670x45x13 mm, 1 Modul height		IL080314-G
4 unit-wide, blanc, 890x70x13 mm		IL080409-F
4 unit-wide, 890x70x13 mm, RAL7035		IL080409-G
4 unit-wide, 26 holes, 890x70x13 mm		IL080410
4 unit-wide, 890x294x13 mm, 7 Modul heights		IL080411-G
4 unit-wide, 890x248x13 mm, 6 Modul heights		IL080412-G
4 unit-wide, 890x202x13 mm, 5 Modul heights		IL080413-G
4 unit-wide, 890x45x13 mm, 1 Modul height		IL080414-G
5 unit-wide, blanc, 1090x70x13 mm		IL080509-F
5 unit-wide, 31 holes, 1090x70x13 mm		IL080510
5 unit-wide, 1090x294x13 mm, 7 Modul heights		IL080511-F
5 unit-wide, 1090x248x13 mm, 6 Modul heights		IL080512-G
5 unit-wide, 1090x202x13 mm, 5 Modul heights		IL080513-G
5 unit-wide, 1090x45x13, 1 Modul height		IL080514-G
4 unit-wide, blanc, 890x294x13mm, 7 Modul heights		IL080411-F

Modul 2000 - Front plates accessories



IL9022XX



IL902260



IL902254

Schrack-Info

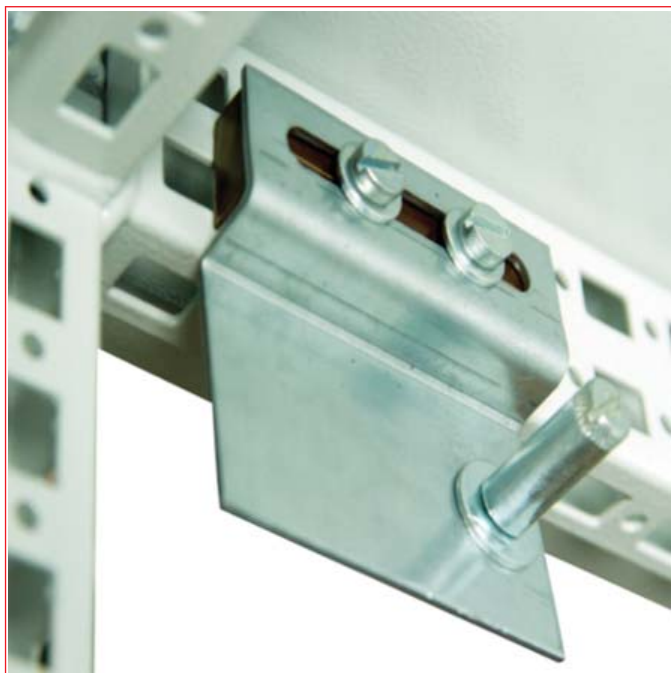
- Patented SCHRACK quick assembly plates and latches
- Order lock matching the material of the front plate (sheet steel or plastic)
- Material: PBT
- Available in 4 colours

DESCRIPTION	AVAILABLE	ORDER NO.
Plate grey		IL902254
Plate red		IL902255
Plate blue		IL902256
Plate black		IL902253
Latch grey for sheet steel panel		IL902257
Latch red for sheet steel panel		IL902258
Latch blue for sheet steel panel		IL902259
Latch black		IL902252
Latch K grey for plastic panel		IL902260
Latch K red for plastic panel		IL902261
Latch K blue for plastic panel		IL902262
Additional front plate fixing IL0614.../ IL0615...		IL900083



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Mounting brackets, depth rails and adaptors



IG714814



IL900025-F



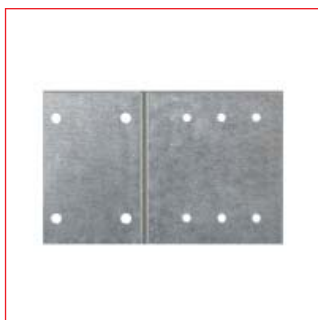
IL900026-F



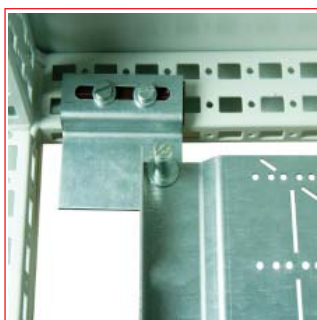
IL900408M



BN900020



IL900221-F





IG714814

Schrack-Info

- All brackets fitted for installation of Modul-mounting rails and mounting plates
- Plastic brackets for intermediate insulation
- Metal mounting brackets, 2mm galvanized
- Adaptors for installation of Modul inserts in industry cabinets of series AS and KS

DESCRIPTION	AVAILABLE	ORDER NO.
Adapter busbar for connection support structure (short)		IL900301
Adapter busbar for connection support structure (long)		IL900302
Wiring duct angle		IL900408
Wiring duct angle		IL900408M
Glide angle		IL900253-F
Mounting brackets plastic (PU=10 pcs.)		IL900025-F
Mounting brackets metal (PU=10 pcs.)		IL900026-F
Disconnecter angle		IL900458
Cross canal angle		IL900459
Bracket for cable ducts width 2		IL900492
Bracket for cable ducts width 3		IL900493
Bracket for cable ducts width 4		IL900494
Bracket for cable ducts width 5		IL900495
Universal angle 130 mm long		IM010829
Earth bar		BS900200
Adapter for old devices, deep units (68mm) 1 SU		BN900022
Adapter for old devices, deep units (68mm) 3 SU		BN900020
Adapter for old devices, deep units (68mm) 4 SU		BN900019
Adapter for reducing from 80mm to 45mm slots		BN900023
Depth rail 110 mm for support structure		IL900221-F
Wall-mounting brackets Modul 2000		IL900020-F
Adapter for Modul insert AS/KS width 3, 4, 5, 800/ 1000/ 1200 mm		IG714814

Modul 2000 - Mounting brackets, depth rails and adaptors

DESCRIPTION	AVAILABLE	ORDER NO.
Adapter 2EK41 for AS/KS		IL901241
Adapter 3EK41 for AS/KS		IL901341
Adapter 4EK41/5EK41 for AS/KS		IL901441

Modul 2000 - Meter box inserts



IL186113



IL186XXX



IL186XXX



IL186XXX



IL056XXX















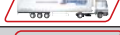


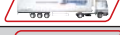

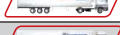
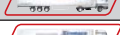

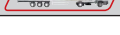


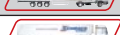

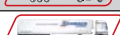




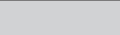




Schrack-Info

- Meter box insert in 1 mm sheet steel, plastic powder coated
- Front-removable separation profiles for easy wiring/ connection
- Rear wire protection cover on the back
- Quick meter board assembly by clipping on stop bar and central fixing from 9 Modul heights
- Meter board pre-assembled
- In accordance with power utility guidelines
- RAL7035 light grey

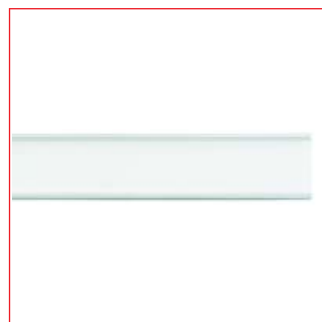


Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Meter box inserts

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
9 Modul heights, 1-row, 1 meter	289x431x140		IL186101
8 Modul heights, 1-row, 1 meter	289x385x140		IL186102
18 Modul heights, 2-rows, 2 meters	289x845x140		IL186111
17 Modul heights, 2-rows, 2 meters	289x798x140		IL186113
24 Modul heights, 3-rows, 3 meters	289x1125x140		IL186122
25 Modul heights, 3-rows, 3 meters	289x1166x140		IL186123
8 Modul heights, 2-rows, 2 meters	289x755x140		IL186112
9 Modul heights / 1-row, 2 meters	497x431x140		IL186201
8 Modul heights, 1-row, 2 meters	497x385x140		IL186202
16 Modul heights, 2-rows, 2 meters	497x845x140		IL186211
16 Modul heights, 2-rows, 4 meters	497x755x140		IL186212
17 Modul heights, 2-rows, 4 meters	497x798x140		IL186213
27 Modul heights, 3-rows, 6 meters	497x1259x140		IL186221
24 Modul heights, 3-rows, 6 meters	497x1125x140		IL186222
17 Modul heights, 3-rows, 6 meters	497x1166x140		IL186223
9 Modul heights, 1-row, 3 meters	717x431x140		IL186301
8 Modul heights, 1-row, 3 meters	717x385x140		IL186302
18 Modul heights, 2-rows, 6 meters	717x845x140		IL186311
16 Modul heights, 2-rows, 6 meters	717x755x140		IL186312
17 Modul heights, 2-rows, 6 meters	717x798x140		IL186313
27 Modul heights, 3-rows, 9 meters	717x1259x140		IL186321
24 Modul heights, 3-rows, 9 meters	717x1125x140		IL186322
25 Modul heights, 3-rows, 9 meters	717x1166x140		IL186323
9 Modul heights, 1-row, 4 meters	937x431x140		IL186401
8 Modul heights, 1-row, 4 meters	937x385x140		IL186402
18 Modul heights, 2-rows, 8 meters	937x845x140		IL186411
16 Modul heights, 2-rows, 8 meters	937x755x140		IL186412
17 Modul heights, 2-rows, 8 meters	937x798x140		IL186413
27 Modul heights, 3-rows, 12 meters	937x1259x140		IL186421
24 Modul heights, 3-rows, 12 meters	937x1125x140		IL186422
25 Modul heights, 3-rows, 12 meters	937x1166x140		IL186423
9 Modul heights, 1-row, 5 meters	1137x431x150		IL186501
8 Modul heights, 1-row, 5 meters	1137x385x150		IL186502
18 Modul heights, 2-rows, 10 meters	1137x845x150		IL186511
16 Modul heights, 2-rows, 10 meters	1137x755x150		IL186512
17 Modul heights, 2-rows, 10 meters	1137x801x150		IL186513
27 Modul heights, 3-rows, 15 meters	1137x1259x150		IL186521
24 Modul heights, 3-rows, 15 meters	1137x1125x150		IL186522
25 Modul heights, 3-rows, 15 meters	1137x1171x150		IL186523
Mounting-screw-set for meter box insert			IL900364
Counter wire protection	375x166x32		IL086900
Separation profile, 1 unit-wide	235x128x7		IL056100
Separation profile, 2 unit-wide	443x128x7		IL056200
Separation profile, 3 unit-wide	663x128x7		IL056300
Separation profile, 4 unit-wide	883x128x7		IL056400
Separation profile, 5 unit-wide	1083x128x7		IL056500

Modul 2000 - Meter board accessories general



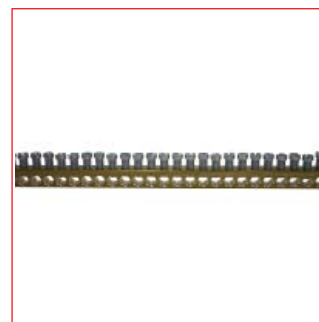
IL900251



IL903333



BK004101



IK020013



IL900415-F



IL900220-F



IU008106



BK002401

Schrack-Info






















- Various accessories available for clean, technical solutions

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Cable entry flange width 1			IL900417-F
Cable entry flange width 2			IL900415-F
Cable entry flange width 3			IL900418-F
Flange with rubber grommets			IL903333
Hinge set for Modul 2000 (PU=10 pcs.)			IL900220-F
Name strip 1000 mm long, 10 mm high, self-adhesive			BK002401
Name strip 1000 mm long, 15 mm high, self-adhesive			BK002402
Color spray RAL9016			IU008107
Color spray RAL7035			IU008106
Color spray RAL7032			IU008105
Protection profile 1000 mm			IL14028
PVC-plate 1000 x 2000 x 2 mm, 2 m ²			IL900400
PVC-plate 1000 x 2000 x 4 mm, 2 m ²			IL900401
Cover 2 meter spaces			IL900293
Cover 3 meter spaces			IL900294
Cover 4 meter spaces			IL900295
Modul insert fixing screws - bottom			IL900306
Modul insert fixing screws - top			IL900307
Distance bolt for IG914012			IG914013
Distance bolt 30 mm M6, inside thread and external thread			IG914014
Distance bolt 70 mm M6, inside thread and external thread			IG914015
Distance bolt 20 mm M6, inside thread and external thread			IG914017
Blank cover, 1000mm, 45mm slot, smooth grey	1000x50x8		IL900251
Blank strips, smooth white, 1000 mm	1000x50x8		IL900251-W
Blank cover, 12MW, white			BK004101
Blind cover sealable, SET (100x stripes + 200x bolts) 12MW			BK004107
Neutral conductor rail 25 mm ² , length 1 m			IK020013
Neutral conductor rail, 10 mm ² , length 1 m			IK020014
Neutral conductor rail 16 mm ² , length 1 m			IK020018



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Meter board accessories general

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Insulated carrier vertical 2 x TS35 Rail PEN KT-5			IK018003
Insulated neutral conductor support 10 mm ²			IK018004
Support for neutral conductor rail 25 mm ²			IL900315
Connection terminal, pin. straight 25 mm ² , 2 screws w/o insulation			IK020019
Insulated PE terminal, 15 outgoing terminals			IK021039I
Insulated neutral terminal, 15 outgoing terminals			IK021038I
Insulated PE terminal, 7 outgoing terminals			IK021037I
Insulated neutral terminal, 7 outgoing terminals			IK021036I
PE terminal, 15 outgoing terminals			IK021039
Neutral terminal, 15 outgoing terminals			IK021038
PE terminal, 7 outgoing terminals			IK021037
Neutral terminal, 7 outgoing terminals			IK021036
Blank cover Energie AG, 1500 mm, 55 mm			IL900060
Earthing kit 300 mm / Yf6 ² assembled with all nuts, washer,...			IL900099
Assembly instruction MODUL2000			IL900312
Blind flange with screws, size 1			IL900091
Blind flange with screws, size 2			IL900092
Blind flange with screws, size 3			IL900093
Push through flange (1x), size 1			IL900101
Push through flange (2x), size 2			IL900102
Push through flange (3x), size 3			IL900103
Edge protection profile PVC, 1000m, grey			IL14030



SIKAB - Safety terminal cover



BK90009X



BK900096



BK900097



BK900098

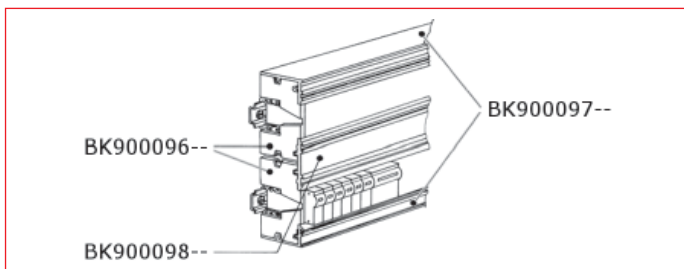


BK900099

Schrack-Info

- SIKAB system allows the assembly of terminal covers in any desired length and width, using only three parts
- DIN-rail spacing 125mm
- Three possible installation depths: 39, 47 and 54mm (end pieces with knockouts for variable depths)
- Profile length 1000mm
- Material: self-extinguishing PVC, colour white

SIKAB – construction



DESCRIPTION	AVAILABLE	ORDER NO.
SIKAB end plate		BK900096
SIKAB angle profile 1000 mm		BK900097
SIKAB flat profile 1000 mm		BK900098
Marking strip 1000 mm		BK900099



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Mounting material



IL900029-F



IL900231-F



IL900050

Schrack-Info

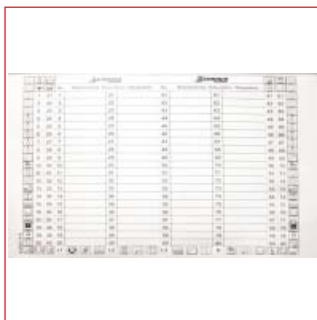
- Various sliding nuts and bolts

DESCRIPTION	AVAILABLE	ORDER NO.
Sliding nut M4 (PU= 100 pcs.)		IL900229-F
Sliding nut M5 (PU= 100 pcs.)		IL900230-F
Sliding nut spring M6 (PU=1 pc.)		IL900388
Lens screws 4.2x9.5mm (PU=1 pc.)		IL900049
Cage for sliding nut (PU=100 pcs.)		IL900231-F
Sealing screw M5 (PU =1 pc.)		IL900050
Sealing screws (PU =10 pc.)		IL900029-F
Threaded plate M6 (PU= 100 pcs.)		IG714043

Identification stickers self-adhesive



SI784420



IL900314



IL900375-B

Schrack-Info

- Identification labels and electric circuit index

DESCRIPTION	AVAILABLE	ORDER NO.
Label PE Ø15 green/yellow		SI784420
Label N Ø15 blue		SI784430
Label PE/N, green-yellow/blue		SI784470
Sticker disconnection point PE/N according to E8001		IS505020
Wiring table		IL900314
Type label Modul 2000 (2-on-1)		IL900375-B

Meter boards



IL900070-A



IL900118

Schrack-Info

- Meter boards tested according to Ö Norm E6570 and DIN VDE 0603

DESCRIPTION	AVAILABLE	ORDER NO.
Meter panel grey		IL900070-A
Wall-mounted meter board black		IL900118-A

Modul 2000 - Locks



IL900205-F



IL900041



IL900043



IL900061



IL900054



IL900052



IL900203



IL900204-F



DV900333






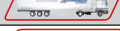



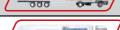












Schrack-Info

- Quarter turn cam lock and swing handle for Modul 2000
- By taking away the upper part of the standard quarter turn cam lock, a double-bit lock is obtained



Order no. blue: on stock, usually ready for delivery on the day of order!

Modul 2000 - Locks

DESCRIPTION	AVAILABLE	ORDER NO.
Swing handle with 61005 half cylinder for IL009, IL036 and IP54 enclosures		IL900205-F
Quarter turn upper section RAL7035		IL900040
Quarter turn upper section RAL9016		IL900041
Quarter turn lower section RAL7035		IL900042
Quarter turn lower section RAL9016		IL900043
Quarter turn lower section flat RAL7035		IL900045
Quarter turn lower section flat RAL9016		IL900046
Quarter turn door locking RAL7035		IL900052
Quarter turn door locking RAL9016		IL900053
Quarter turn fixing washer RAL7035		IL900054
M2000 accessory pack wall-mounted up to 24 Modul heights RAL7035, 1 pc. quarter turn cam lock		IL900061
M2000 accessory pack wall-mounted from 28 Modul heights RAL7035, 2 pcs. quarter turn cam lock		IL900062
M2000 accessory pack flush-mounted up to 24 Modul heights RAL9016, 1 pc. quarter turn cam lock		IL900081
M2000 accessory pack flush-mounted from 28 Modul heights RAL9016, 2 pcs. quarter turn cam lock		IL900082
Universal key, 4 different bits, blue		IL900382
Lock adapter Modul in RAL7035 for EMKA 1000 quarter turns		IL900204-F
Half cylinder lock keyed EK 333 including 1 key		DV900333
Key 333 for half cylinder lock DV900333		DV900334
Key double bit 5mm, metal		IU004906
Double bit key lock 5mm, length 40mm		IU001906
Lock ring		IL900378-F
Lock 61005 with key		IL900200-F
Key 61005		IV29503

„A true genius knows no limitations.“

Johann Nepomuk Nestroy



MODUL

*„The form of the art is a consequence of its content,
like heat radiates from fire.“*

Gustave Flaubert



160



Modul 160



ILCXXXXX



ILCAXXXXX



ILC2UXXXX



ILCXXXX



Schrack-Info

- Distribution board wall- and flush-mounted in polyester-powder coated sheet steel
- Can be delivered in 2- to 6-row designs with 24HP per row and 4- to 6-row designs with 33HP per row
- Standard as wall-mounted enclosure without door in closed construction incl. back panel and flush-mounted enclosure with wall box (127mm) and door
- Lock: plastic quarter turn cam lock, RONIS small cylinder BK077004-- available as accessory
- Pre-punched cable entry openings at the bottom -2(3)x for 24(33)HP
- Standard door also available with extended depth as glazed door
- Removable DIN-rail modular insert - rail distance = 150mm
- Includes PE and N terminal clamping points (max. 63A)
- Partial mounting plate for circuit breaker MC1 installation available as accessory
Further machining of the mounting rail required before installation
- Protection class I
- Rated voltage 240/415VAC, 50/60Hz
- Rated current range max. 125A
- Degree of protection IP30
- RAL9016 traffic white

Wall-mounted multi-mode version without door



ILC2A224



ILC2A324



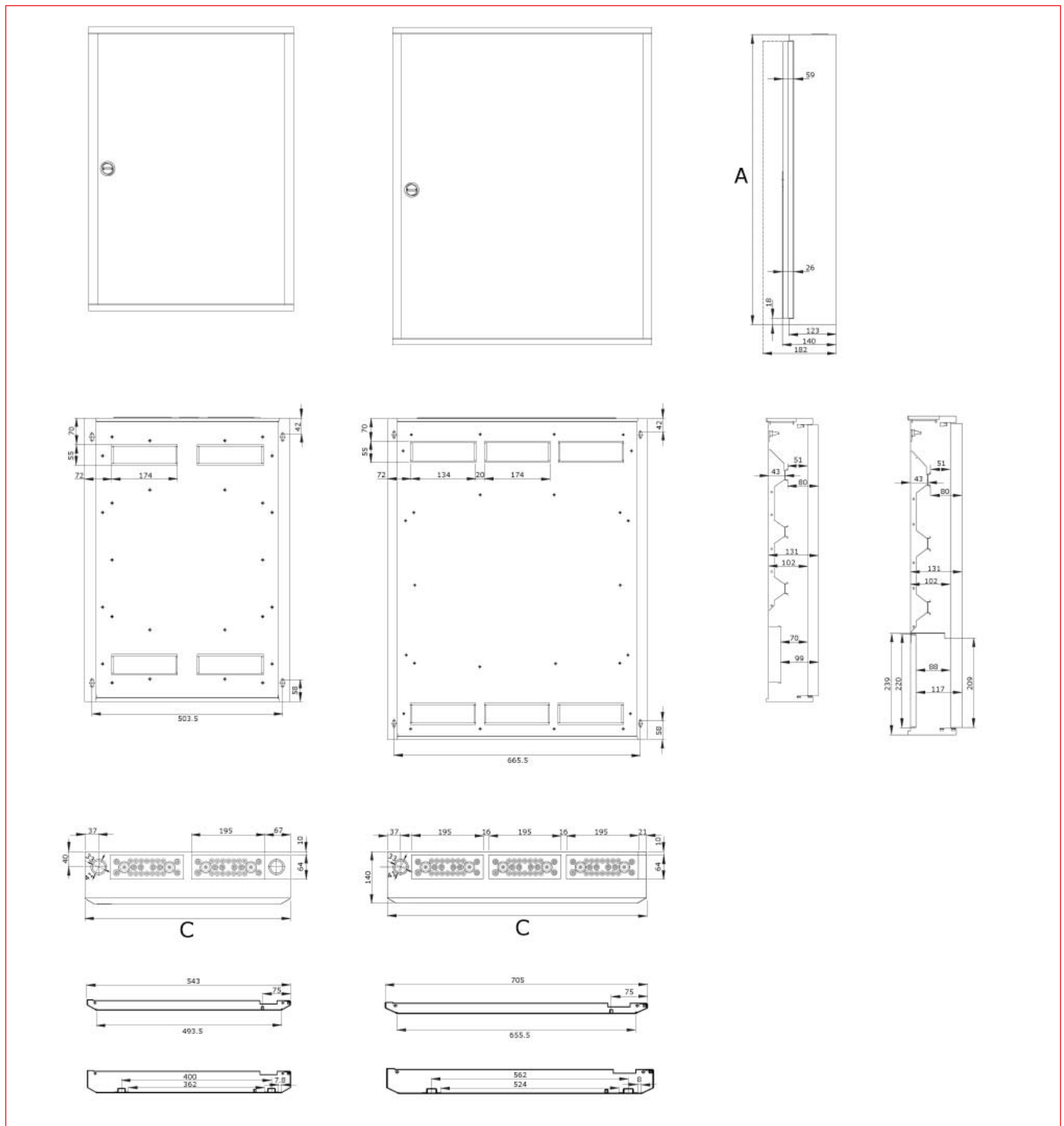
ILC2A424

Schrack-Info

- Standard version as wall-mounted enclosure without door in closed construction incl. back panel

Wall-mounted multi-mode version without door

Dimensions











Article number	A	C	Depth	N-terminal	PE-terminal	Flange	Knockouts	Knockouts	Radiant power loss [W]*
	[mm]	[mm]	[mm]	[mm ²]	[mm ²]	top	top	bottom	
ILC2A224	450	543	140	2x25 + 9x16	2x25 + 27x16	2x	2xM32/M40	2xM32/M40, 6xM25, 8xM20	-130
ILC2A324	600	543	140	2x25 + 9x16	2x25 + 27x16	2x	2xM32/M40	2xM32/M40, 6xM25, 8xM20	-154
ILC2A424	750	543	140	2x25 + 9x16	2x25 + 43x16	2x	2xM32/M40	2xM32/M40, 6xM25, 8xM20	-179
ILC2A524	900	543	140	2x25 + 9x16	2x25 + 58x16	2x	2xM32/M40	2xM32/M40, 6xM25, 8xM20	-205
ILC2A624	1050	543	140	2x25 + 9x16	2x25 + 58x16	2x	2xM32/M40	2xM32/M40, 6xM25, 8xM20	-229
ILC3A433	750	705	140	2x25 + 9x16	2x25 + 58x16	3x	1xM32/M40	1xM32/M40, 12xM25, 8xM20	-224
ILC3A533	900	705	140	2x25 + 9x16	2x25 + 74x16	3x	1xM32/M40	1xM32/M40, 12xM25, 8xM20	-243
ILC3A633	1050	705	140	2x25 + 9x16	2x25 + 74x16	3x	1xM32/M40	1xM32/M40, 12xM25, 8xM20	-271

*Max. radiated power of housing calculated as a wall-mounted single fixed with ΔT = 35K.

Detailed information and legal notes see page 268

Wall-mounted multi-mode version without door

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Wall-mounted multi-mode version 2x24MW	543x450x140		ILC2A224
Wall-mounted multi-mode version 3x24MW	543x600x140		ILC2A324
Wall-mounted multi-mode version 4x24MW	543x750x140		ILC2A424
Wall-mounted multi-mode version 5x24MW	543x900x140		ILC2A524
Wall-mounted multi-mode version 6x24MW	543x1050x140		ILC2A624
Wall-mounted multi-mode version 4x33MW	705x750x140		ILC3A433
Wall-mounted multi-mode version 5x33MW	705x900x140		ILC3A533
Wall-mounted multi-mode version 6x33MW	705x1050x140		ILC3A633

Flush-mounted version with sheet steel door



ILC2UXXXX



ILC2UXXXX



ILC2UXXX

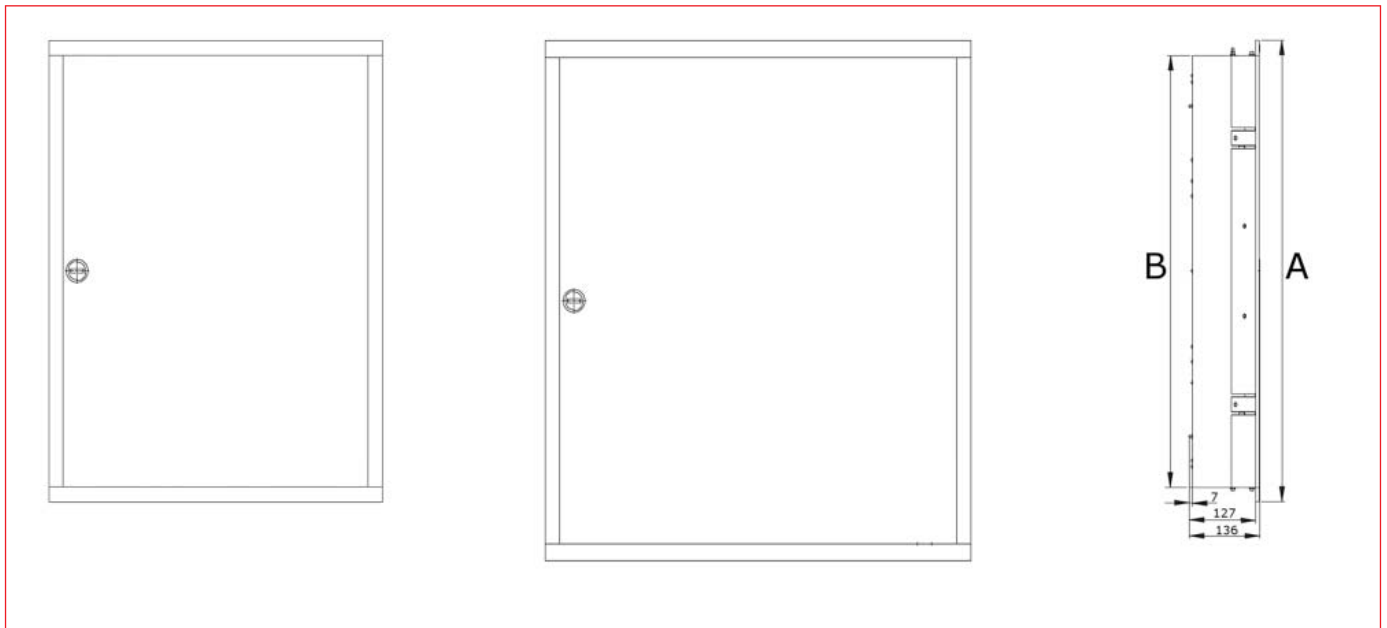


ILC2UXXXX

Schrack-Info

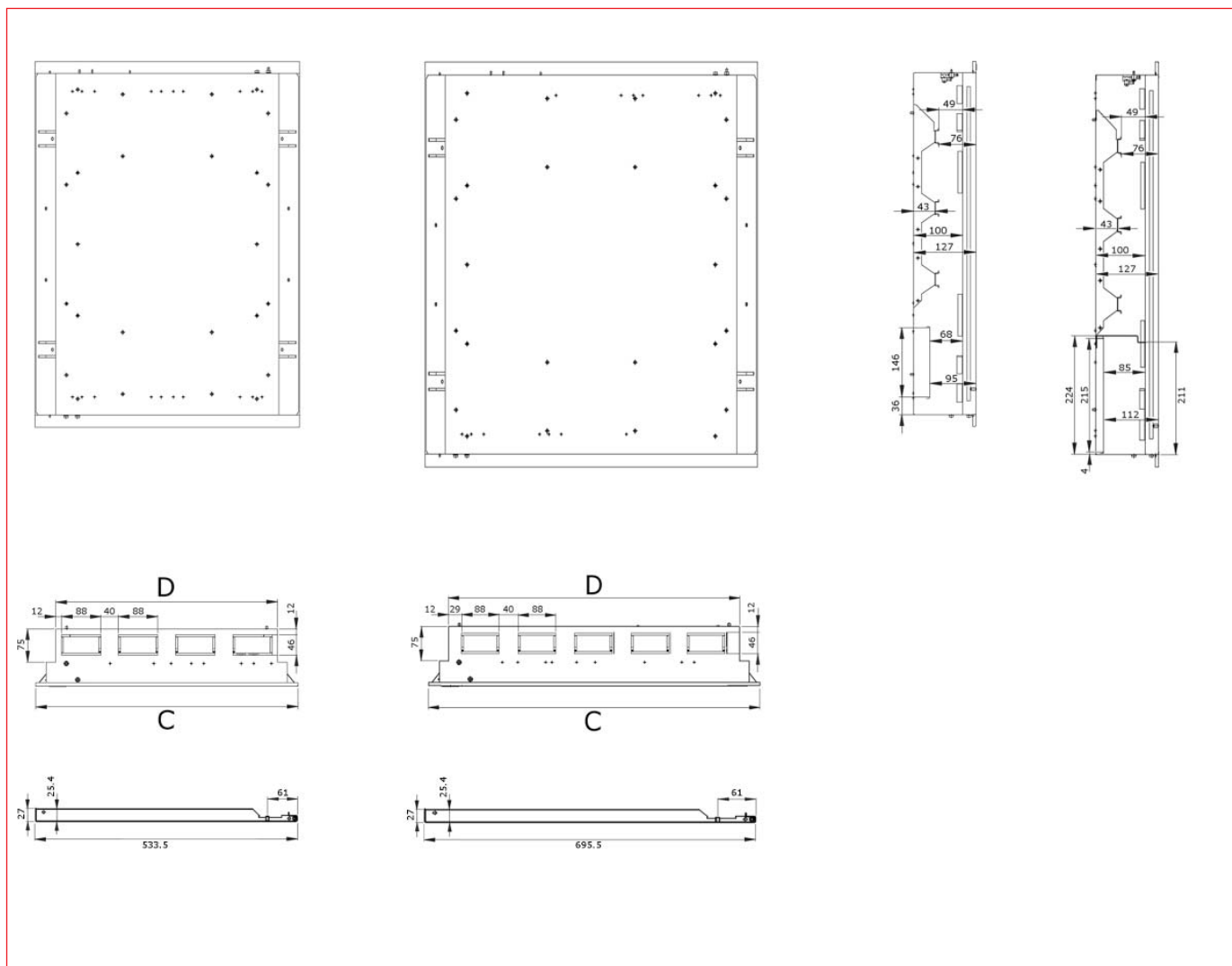
- Standard as flush-mounted enclosure with door in closed construction with wall box (127mm)

Dimensions



Flush-mounted version with sheet steel door

Dimensions



Article number	A [mm]	B [mm]	C [mm]	D [mm]	Depth [mm]	N-terminal [mm ²]	PE-terminal [mm ²]	Knockouts top [mm]	Knockouts bottom [mm]	Radiant power loss [W]*
ILC2U224	470	420	588	496	136	2x25 + 9x16	2x25 + 27x16	4x(88x46)	4x(88x46)	-117
ILC2U324	620	570	588	496	136	2x25 + 9x16	2x25 + 27x16	4x(88x46)	4x(88x46)	-142
ILC2U424	770	720	588	496	136	2x25 + 9x16	2x25 + 43x16	4x(88x46)	4x(88x46)	-165
ILC2U524	920	870	588	496	136	2x25 + 9x16	2x25 + 58x16	4x(88x46)	4x(88x46)	-189
ILC2U624	1070	1020	588	496	136	2x25 + 9x16	2x25 + 58x16	4x(88x46)	4x(88x46)	-214
ILC3U433	770	720	750	658	136	2x25 + 9x16	2x25 + 58x16	5x(88x46)	5x(88x46)	-207
ILC3U533	920	870	750	658	136	2x25 + 9x16	2x25 + 74x16	5x(88x46)	5x(88x46)	-235
ILC3U633	1070	1020	750	658	136	2x25 + 9x16	2x25 + 74x16	5x(88x46)	5x(88x46)	-249

*Max. radiated power of housing calculated as a flush-mounted single fixed with ΔT = 35K.

Detailed information and legal notes see page 268

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Flush-mounted version 2x24MW + door	588x470x136		ILC2U224
Flush-mounted version 3x24MW + door	588x620x136		ILC2U324
Flush-mounted version 4x24MW + door	588x770x136		ILC2U424
Flush-mounted version 5x24MW + door	588x920x136		ILC2U524
Flush-mounted version 6x24MW + door	588x1070x136		ILC2U624
Flush-mounted version 4x33MW + door	750x770x136		ILC3U433
Flush-mounted version 5x33MW + door	750x920x136		ILC3U533
Flush-mounted version 6x33MW + door	750x1070x136		ILC3U633



Order no. blue: on stock, usually ready for delivery on the day of order!

Flush-mounted version with glazed door



ILCXXXXX

Schrack-Info

- Standard as flush-mounted enclosure with glazed door in closed construction with wall box (127mm)

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Flush-mounted version 2x24MW + glazed door	588x470x136		ILC2U224F
Flush-mounted version 3x24MW + glazed door	588x620x136		ILC2U324F
Flush-mounted version 4x24MW + glazed door	588x770x136		ILC2U424F
Flush-mounted version 5x24MW + glazed door	588x920x136		ILC2U524F
Flush-mounted version 6x24MW + glazed door	588x1070x136		ILC2U624F
Flush-mounted version 4x33MW + glazed door	750x770x136		ILC3U433F
Flush-mounted version 5x33MW + glazed door	750x920x136		ILC3U533F
Flush-mounted version 6x33MW + glazed door	750x1070x136		ILC3U633F

Standard door



ILC2T324

Schrack-Info

- For retrofitting of wall-mounted enclosures
- Depth 26mm

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Metal door for 2x24MW	543x415x26		ILC2T224
Metal door for 3x24MW	543x565x26		ILC2T324
Metal door for 4x24MW	543x715x26		ILC2T424
Metal door for 5x24MW	543x865x26		ILC2T524
Metal door for 6x24MW	543x1015x26		ILC2T624
Metal door for 4x33MW	705x715x26		ILC3T433
Metal door for 5x33MW	705x865x26		ILC3T533
Metal door for 6x33MW	705x1015x26		ILC3T633

Extra high door



ILC2H224



ILCXXXX

Schrack-Info

- For retrofitting of wall-mounted enclosure
- Depth 60mm

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Metal door high for 2x24MW	543x415x59		ILC2H224
Metal door high for 3x24MW	543x565x59		ILC2H324
Metal door high for 4x24MW	543x715x59		ILC2H424
Metal door high for 5x24MW	543x865x59		ILC2H524
Metal door high for 6x24MW	543x1015x59		ILC2H624
Metal door high for 4x33MW	705x715x59		ILC3H433
Metal door high for 5x33MW	705x865x59		ILC3H533
Metal door high for 6x33MW	705x1015x59		ILC3H633

Glazed door



ILC2FXXX

Schrack-Info

- For retrofitting of wall-mounted enclosure
- Depth 26mm

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Glazed door 2x24MW	543x415x26		ILC2F224
Glazed door 3x24MW	543x565x26		ILC2F324
Glazed door 4x24MW	543x715x26		ILC2F424
Glazed door 5x24MW	543x865x26		ILC2F524
Glazed door 6x24MW	543x1015x26		ILC2F624
Glazed door 4x33MW	705x715x26		ILC3F433
Glazed door 5x33MW	705x865x26		ILC3F533
Glazed door 6x33MW	705x1015x26		ILC3F633



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories



BK077004

Schrack-Info

- Various front and mounting plates, additional terminals and small cylinder locks

DESCRIPTION	AVAILABLE	ORDER NO.
Mounting and front plate, flush + wall-mounted 24MW for MC1		ILCAMCF2
Mounting and front plate, flush + wall-mounted 33MW for MC1		ILCAMCF3
Mounting plate with holes + separator ILC2A 220x430x15 mm		ILCAMPT2
Mounting plate with holes + separator ILC2U 220x430x15 mm		ILCUMPT2
N-Terminal 16 mm ² for designs 224, 324		ILCNK029
N-Terminal 16 mm ² for design 424		ILCNK045
N-Terminal 16 mm ² for designs 524, 624, 433		ILCNK060
N-Terminal 16 mm ² for designs 533, 633		ILCNK076
Lock set incl. 2 keys		BK071059

„A man will find that as he alters his thoughts toward things and other people, things and other people will alter towards him.“

James Allen

DOMESTIC SMALL

„In the Greek concept of beauty the sensual is only the representation, manifestation, vessel in which the mind manifests itself.

Georg Friedrich Wilhelm Hegel



AND ENCLOSURES



Domestic consumer unit enclosures for solid walls KVM and partition walls KVH



BK071003-F



BK071001-F



BK071003-F



BK071050



BK071057



BK071060



BK071051

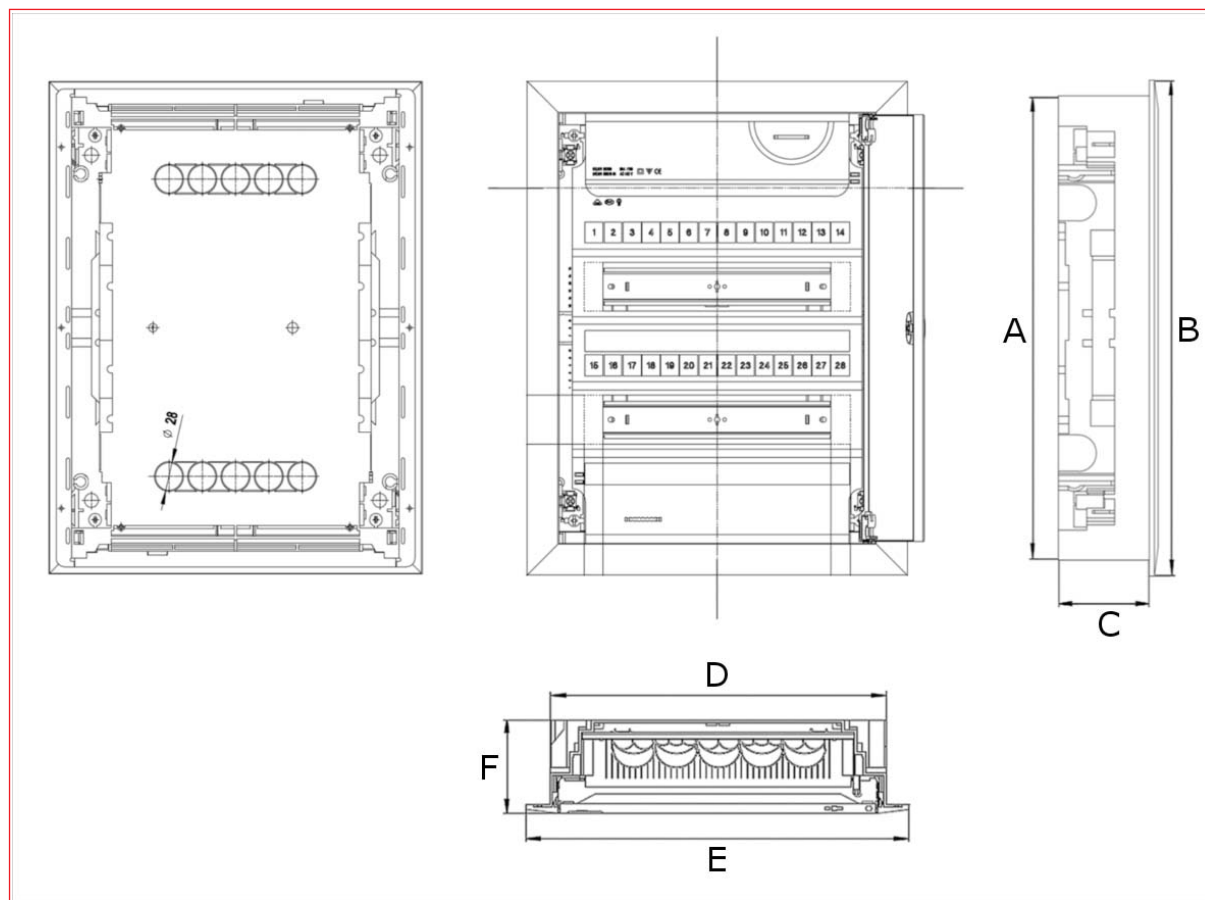


Schrack-Info

- 1- to 4-row solid walls (BK071...) or partition walls (BK072...)
- Frame and door in coated sheet steel
- Available in two different frame designs: flat folded (approx. 1mm) or high folding (approx. 6mm)
- Module cover and wall box in self-extinguishing plastic, low halogen level
- 12+2HP per row, 90° four-point locking, lead-sealable, laser-labelled type plate
- BK071-- and BK072-- incl. PE and N combined plug terminals with snap-on mounting
- BK071-F and BK072-F "frame (high) with door and insert" available with spring clamp terminals or screw terminals
- Includes a bubble level, 3D plaster compensation (up to 18mm compensation possible)
- Lateral wiring duct with cable holder for clearly arranged wiring
- Cable entry slider with knockouts and snap-on attachment
- Door turn lock fastener, replaceable with lock version (sash lock small cylinder)
- Conforms with IEC/EN 60670-24 and IEC/EN 62208, for distributions according to IEC/EN 61439-3
- Glow wire test:
 - Resistant to abnormal heat and fire up to 850°C for partition wall
 - Resistant to abnormal heat and fire up to 650°C for solid wall
- Protection class II
- Degree of protection IP30
- RAL9016 traffic white

Domestic consumer unit enclosures for solid walls KVM and partition walls KVH

Dimensions



Technical Details

Article number		A	B	C	D	E	F	Rows	MW	N terminals	PE terminals	Radiant power loss
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			[mm ²]	[mm ²]	[W]*
Frame flat	Frame high											
BK071001--	BK071001-F	309	339	87.5	315	359	95	1	12+2	2x25 + 14x4	2x25 + 14x4	-19
BK071002--	BK071002-F	434	464	87.5	315	359	95	2	24+4	3x25 + 21x4	2x25 + 14x4	-32
BK071003--	BK071003-F	559	589	87.5	315	359	95	3	36+6	4x25 + 28x4	4x25 + 28x4	-41
BK071004--	BK071004-F	684	714	87.5	315	359	95	4	48+8	4x25 + 28x4	4x25 + 28x4	-49
BK072001--	BK072001-F	309	339	87.5	315	359	95	1	12+2	2x25 + 14x4	2x25 + 14x4	-19
BK072002--	BK072002-F	434	464	87.5	315	359	95	2	24+4	3x25 + 21x4	2x25 + 14x4	-32
BK072003--	BK072003-F	559	589	87.5	315	359	95	3	36+6	4x25 + 28x4	4x25 + 28x4	-41
BK072004--	BK072004-F	684	714	87.5	315	359	95	4	48+8	4x25 + 28x4	4x25 + 28x4	-49

*Max. radiated power of housing calculated as a flush-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268

Flush-mounting Dimensions

Article number		Solid wall cutout			Partition wall cutout		Rows	MW
Wall box Solid wall	Wall box Partition wall	A [mm]	B [mm]	C [mm]	A [mm]	B [mm]		
BK071001-A	BK072001-A	325	345	90	315	322	1	12+2
BK071002-A	BK072002-A	450	345	90	440	322	2	24+4
BK071003-A	BK072003-A	575	345	90	565	322	3	36+6
BK071004-A	BK072004-A	700	345	90	690	322	4	48+8

Domestic consumer unit enclosures and distribution boards

Domestic consumer unit enclosures for solid walls KVM and partition walls KVH

Overview spring clamp terminals & screw terminals at frame flat (BK071-- / BK072--) and frame high (BK071-F/ BK072-F)

Wall	Frame	Article number	Rows	MW	Spring clamp terminals	Screw terminals	N terminals [mm ²]	PE terminals [mm ²]
Solid wall	Frame flat	BK071101--	1	12+2	X		2x25 + 14x4	2x25 + 14x4
		BK071102--	2	24+4	X		3x25 + 21x4	2x25 + 14x4
		BK071103--	3	36+6	X		4x25 + 28x4	4x25 + 28x4
		BK071104--	4	48+8	X		4x25 + 28x4	4x25 + 28x4
	Frame high	BK071101-F	1	12+2	X		2x25 + 14x4	2x25 + 14x4
		BK071102-F	2	24+4	X		3x25 + 21x4	2x25 + 14x4
		BK071103-F	3	36+6	X		4x25 + 28x4	4x25 + 28x4
		BK071104-F	4	48+8	X		4x25 + 28x4	4x25 + 28x4
		BK071201-F	1	12+2		X	13x0.75 bis 16	13x0.75 bis 16
		BK071202-F	2	24+4		X	13x0.75 bis 16	16x0.75 bis 16
Partition wall	Frame flat	BK072101--	1	12+2	X		2x25 + 14x4	2x25 + 14x4
		BK072102--	2	24+4	X		3x25 + 21x4	2x25 + 14x4
		BK072103--	3	36+6	X		4x25 + 28x4	4x25 + 28x4
		BK072104--	4	48+8	X		4x25 + 28x4	4x25 + 28x4
	Frame high	BK072101-F	1	12+2	X		2x25 + 14x4	2x25 + 14x4
		BK072102-F	2	24+4	X		3x25 + 21x4	2x25 + 14x4
		BK072103-F	3	36+6	X		4x25 + 28x4	4x25 + 28x4
		BK072104-F	4	48+8	X		4x25 + 28x4	4x25 + 28x4
		BK072201-F	1	12+2		X	13x0.75 bis 16	13x0.75 bis 16
		BK072202-F	2	24+4		X	13x0.75 bis 16	16x0.75 bis 16
		BK072203-F	3	36+6		X	25x0.75 bis 16	25x0.75 bis 16
		BK072204-F	4	48+8		X	25x0.75 bis 16	25x0.75 bis 16

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
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KVM - Solid wall

Frame (flat) with door from sheet steel and wall box with spring clamp terminals

1-row, 12/14MW	359x339x95		BK071001
2-rows, 24/28MW	359x464x95		BK071002
3-rows, 36/42MW	359x589x95		BK071003
4-rows, 48/56MW	359x714x95		BK071004

Frame (high) with door from sheet steel and wall box with spring clamp terminals

1-row, 12/14MW	359x339x99		BK071001-F
2-rows, 24/28MW	359x464x99		BK071002-F
3-rows, 36/42MW	359x589x99		BK071003-F
4-rows, 48/56MW	359x714x99		BK071004-F

Wall box KVM

1-row, 12/14MW	315x325x88		BK071001-A
2-rows, 24/28MW	315x450x88		BK071002-A
3-rows, 36/42MW	315x575x88		BK071003-A
4-rows, 48/56MW	315x700x88		BK071004-A

Frame (flat) with door and insert with spring clamp terminals

1-row, 12/14MW			BK071101
2-rows, 24/28MW			BK071102
3-rows, 36/42MW			BK071103
4-rows, 48/56MW			BK071104

Frame (high) with door and insert with spring clamp terminals











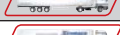


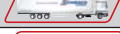

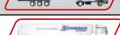








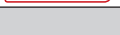



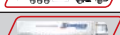




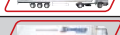


1-row, 12/14MW			BK071101-F
2-rows, 24/28MW			BK071102-F
3-rows, 36/42MW			BK071103-F
4-rows, 48/56MW			BK071104-F

Frame (high) with door and insert with screw terminals

1-row, 12/14MW			BK071201-F
2-rows, 24/28MW			BK071202-F
3-rows, 36/42MW			BK071203-F



Domestic consumer unit enclosures for solid walls KVM and partition walls KVH

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Frame (high) with door and insert with screw terminals			
4-rows, 48/56MW			BK071204-F
KVH - Partition wall			
Frame (flat) with door from sheet steel and wall box			
1-row, 12/14MW	359x339x95		BK072001
2-rows, 24/28MW	359x464x95		BK072002
3-rows, 36/42MW	359x589x95		BK072003
4-rows, 48/56MW	359x714x95		BK072004
Frame (high) with door from sheet steel and wall box			
1-row, 12/14MW	359x339x99		BK072001-F
2-rows, 24/28MW	359x464x99		BK072002-F
3-rows, 36/42MW	359x589x99		BK072003-F
4-rows, 48/56MW	359x714x99		BK072004-F
Wall box KVH			
1-row, 12/14MW	315x325x88		BK072001-A
2-rows, 24/28MW	315x450x88		BK072002-A
3-rows, 36/42MW	315x575x88		BK072003-A
4-rows, 48/56MW	315x700x88		BK072004-A
Frame (flat) with door and insert with spring clamp terminals			
1-row, 12/14MW			BK072101
2-rows, 24/28MW			BK072102
3-rows, 36/42MW			BK072103
4-rows, 48/56MW			BK072104
Frame (high) with door and insert with spring clamp terminals			
1-row, 12/14MW			BK072101-F
2-rows, 24/28MW			BK072102-F
3-rows, 36/42MW			BK072103-F
4-rows, 48/56MW			BK072104-F
Frame (high) with door and insert with screw terminals			
1-row, 12/14MW			BK072201-F
2-rows, 24/28MW			BK072202-F
3-rows, 36/42MW			BK072203-F
4-rows, 48/56MW			BK072204-F
Accessories			
Twist lock BK07... complete			BK077005
Extension plug-in term. N (1x25mm ² , 7x4mm ²), without holder			BK071051
Extension plug-in term. PE (1x25mm ² , 7x4mm ²), without holder			BK071052
Plug-in terminal blank for max. 4 plug-in terminals			BK071053
Bracket for horizontal side by side mounting (2 pcs.)			BK071057
Bracket for vertical combined mounting (2 pcs.)			BK071058
Lock set incl. 2 keys			BK071059
N/PE plug-in term. 2xN (ea. 1x25, 7x4mm ²) / 2xPE (ea. 1x25, 7x4mm ²)			BK071060
N plug-in terminals 3xN (ea. 1x25, 7x4mm ²) / 1xN (1x25, 7x4mm ²)			BK071061
PE plug-in terminals 4xPE (ea. 1x25, 7x4mm ²)			BK071062
Partition plate plastic for BK07... horizontal			BK077000
Cable holder 4 pcs.			BK071050



Order no. blue: on stock, usually ready for delivery on the day of order!

Media enclosures for solid wall MVM and partition wall MVH



BK073003-F



BK073003



BK073003



BK071055



BK071056



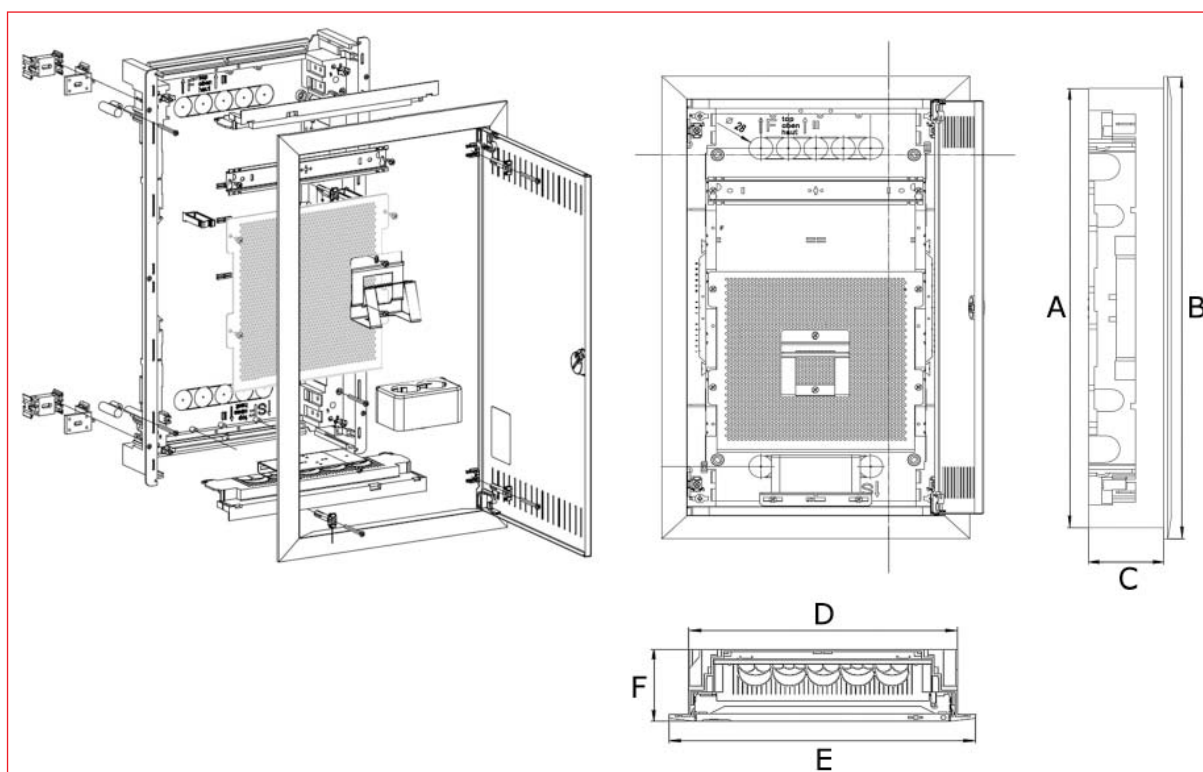
BK071059



Schrack-Info

- 3- to 4-row media enclosure: solid walls (BK073...) or partition walls (BK074...)
- Design and technical data like standard enclosure BK071 or BK072
- Frame and door in coated sheet steel, media distributor door with ventilation slot; low level of halogen
- With a mounting rail on top of each enclosure, 12+2HP for insertion of patch modules
- A micro-perforated mounting plate for active and passive components included
- Device holder and double socket incl. EURO2-adaptor with plug-in terminal up to 2.5mm² can be obtained as accessory

Dimensions



















 Media enclosures for solid wall MVM and partition wall MVH

 Technical Details

Article number		A	B	C	D	E	F	Rows	MW	Radiant power loss [W]*
		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]			
Frame flat	Frame high									
BK073003--	BK073003-F	559	589	87,5	315	359	95	3	12+2	-43
BK073004--	BK073004-F	684	714	87,5	315	359	95	4	12+2	-48
BK074003--	BK074003-F	559	589	87,5	315	359	95	3	12+2	-43
BK074004--	BK074004-F	684	714	87,5	315	359	95	4	12+2	-48

*Max. radiated power of housing calculated as a flush-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
MVM - Solid wall			
Frame (flat) with door from sheet steel and wall box			
3-rows, 12/14MW	359x589x95		BK073003
4-rows, 12/14MW	359x714x95		BK073004
Frame (high) with door from sheet steel and wall box			
3-rows, 12/14MW	359x589x99		BK073003-F
4-rows, 12/14MW	359x714x99		BK073004-F
Wall box MVM			
3-rows, 36/42MW	315x575x88		BK071003-A
4-rows, 48/56MW	315x700x88		BK071004-A
Frame (high) with door from sheet steel and insert			
3-rows, 12/14MW			BK073103-F
4-rows, 12/14MW			BK073104-F
MVH - Partition wall			
Frame (flat) with door from sheet steel and wall box			
3-rows, 12/14MW	359x589x95		BK074003
4-rows, 12/14MW	359x714x95		BK074004
Frame (high) with door from sheet steel and wall box			
3-rows, 12/14MW	359x589x99		BK074003-F
4-rows, 12/14MW	359x714x99		BK074004-F
Wall box MVH			
3-rows, 36/42MW	315x575x88		BK072003-A
4-rows, 48/56MW	315x700x88		BK072004-A
Frame (high) with door from sheet steel and insert			
3-rows, 12/14MW			BK073103-F
4-rows, 12/14MW			BK073104-F
Accessories			
Socket set for media enclosure, plug-in design			BK071055
Twist lock BK07... complete			BK077005
Device holder set for media enclosure			BK071056
Bracket for horizontal side by side mounting (2pcs.)			BK071057
Bracket for vertical combined mounting (2 pcs.)			BK071058
Lock set incl. 2 keys			BK071059
Partition plate plastic for BK07... horizontal			BK077000
Cable holder 4 pcs.			BK071050



Order no. blue: on stock, usually ready for delivery on the day of order!

Domestic consumer unit enclosures series Amparo IP40 with sheet steel door



BK085XXX



BK085XXX



BK085XXX



BK085XXX



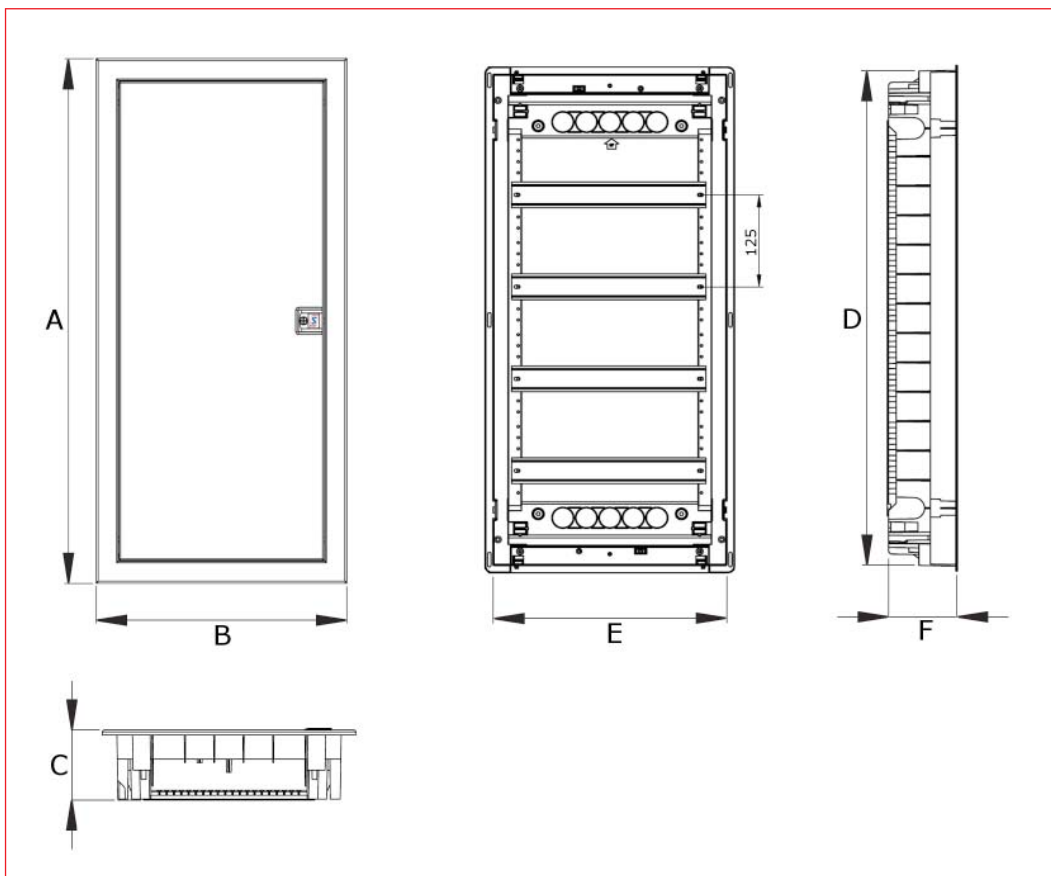
BK085XXX

Schrack-Info

- Frame and door in coated sheet steel
- Frame design high (ca. 6mm)
- Module cover and wall box in ABS, halogen free
- Includes PE and N terminals, quarter turn cam lock
- Glow wire test:
 - Resistant to abnormal heat and fire up to 850°C for partition walls
 - Resistant to abnormal heat and fire up to 650°C for solid walls
- Mounting bracket:
 - For partition walls (up to 30mm wall thickness)
 - For solid walls: dovetail mounting brackets for front or back panel mounting
- Delivery includes: enclosure, device supports, plaster cover, module cover, neutral terminal and conductor terminal, mounting instructions, mounting equipment for partition wall mounting, mounting bracket, self-adhesive labelling sheet with graphic representation (pictograms)
- RAL9003 signal white



Dimensions



Domestic consumer unit enclosures series Amparo IP40 with sheet steel door

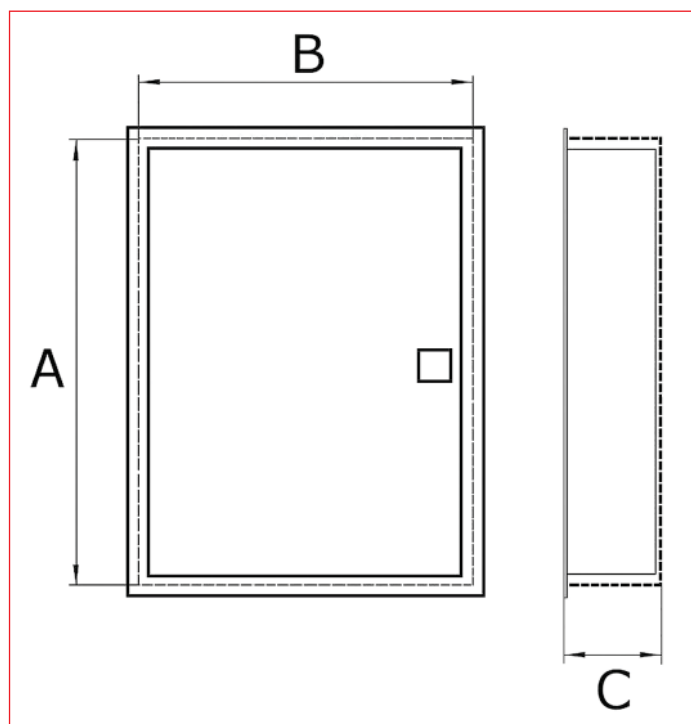
Technical Details

Article number	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Rows	MW	N terminals [mm ²]	PE terminals [mm ²]	Radiant power loss [W]*
BK0850012	317	346	94	274	306	87	1	12+2	10x10	10x10	-25
BK0850022	442	346	94	399	306	87	2	24+4	30x10	30x10	-34
BK0850032	592	346	94	549	306	87	3	36+6	30x10	30x10	-45
BK0850042	717	346	94	673	306	87	4	48+8	30x10	30x10	-54
BK0850512	317	346	94	274	306	87	1	12+2	10x10	10x10	-25
BK0850522	442	346	94	399	306	87	2	24+4	30x10	30x10	-34
BK0850532	592	346	94	549	306	87	3	36+6	30x10	30x10	-45
BK0850542	717	346	94	673	306	87	4	48+8	30x10	30x10	-54

*max. radiated power of housing calculated as a wall mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268



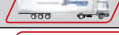
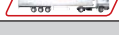











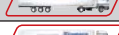






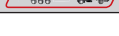




Dimensions



Flush-mounting Dimensions

Article number		Solid wall cutout			Partition wall cutout		Rows	MW
Solid wall	Partition wall	A [mm]	B [mm]	C [mm]	A [mm]	B [mm]		
BK0850012	BK0850512	285	320	90	278	310	1	12+2
BK0850022	BK0850522	412	320	90	404	310	2	24+4
BK0850032	BK0850532	562	320	90	533	310	3	36+6
BK0850042	BK0850542	685	320	90	677	310	4	48+8

Domestic consumer unit enclosures series Amparo IP40 with sheet steel door

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Brick wall – frame with sheet steel door and wall box			
1-row, 12/14MW	346x317x96		BK0850012
2-rows, 24/28MW	346x442x96		BK0850022
3-rows, 36/42MW	346x592x96		BK0850032
4-rows, 48/56MW	346x717x96		BK0850042
Cavity wall – frame with sheet steel door and wall box			
1-row, 12/14MW	346x317x96		BK0850512
2-rows, 24/28MW	346x442x96		BK0850522
3-rows, 36/42MW	346x592x96		BK0850532
4-rows, 48/56MW	346x717x96		BK0850542
Wall box for brick wall			
1-row, 12/14MW	306x274x87		BK0850012A
2-rows, 24/28MW	306x399x87		BK0850022A
2-rows, 24/28MW	306x399x88		BK085002-A
3-rows, 36/42MW	306x549x87		BK0850032A
3-rows, 36/42MW	306x549x88		BK085003-A
4-rows, 48/56MW	306x673x87		BK0850042A
4-rows, 48/56MW	306x673x88		BK085004-A
Wall box for cavity wall			
1-row, 12/14MW	306x274x87		BK0850512A
2-rows, 24/28MW	306x399x87		BK0850522A
3-rows, 36/42MW	306x549x87		BK0850532A
4-rows, 48/56MW	306x673x87		BK0850542A
Frame (high) with door from sheet steel			
1-row, 12/14MW, door with insert	346x317x40		BK0851012F
2-rows, 24/28MW, door with insert	346x442x40		BK0851022F
3-rows, 36/42MW, door with insert	346x592x40		BK0851032F
4-rows, 48/56MW, door with insert	346x717x40		BK0851042F
Accessories			
Connection bracket, 1PU = 2pcs.			BK085098
Depth rail media distribution board			BK085099
Half cylinder lock for BK085, plastic	18x36x18		BK085096
Half cylinder lock for BK085, metal	18x36x18		BK085097

Domestic consumer unit enclosures wall-mounted IP30 without sheet steel door



BK003121



BK003122



BK003123



BK003124



BK003102



BK003105

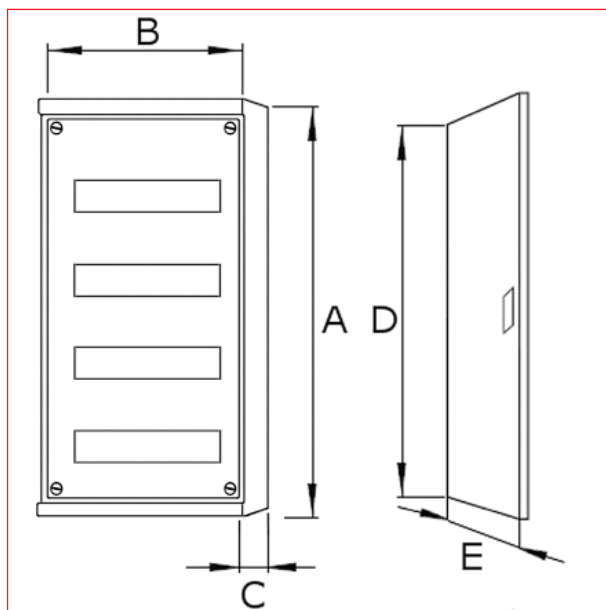
Schrack-Info

- 1- to 4-row enclosures made of plastic with insertion possibilities from all sides and large wiring space
- Optionally available doors in plastic-coated steel sheet with flush designer handle, opening angle over 180°, hinges optionally right or left
- PE/N terminals with snap-on mounting
- Device rows for 12 modules (extendable to 14 modules)
- Protection class II
- Degree of protection IP30
- RAL9010 pure white



Domestic consumer unit enclosures wall-mounted IP30 without sheet steel door

Dimensions BK003124



Article number	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Rows	MW	N-terminal [mm ²]	PE-terminal [mm ²]	Radiant power loss [W]*
BK003121	250	305	99	-	-	1	12+2	3x25 + 14x4	3x25 + 14x4	-22
BK003122	375	305	99	-	-	2	24+4	3x25 + 14x4	3x25 + 14x4	-26
BK003123	515	305	99	-	-	3	36+6	6x16 + 28x10	6x16 + 28x10	-30
BK003124	640	305	99	-	-	4	48+8	6x16 + 28x10	6x16 + 28x10	-36
BK003101	-	-	-	227	283	-	-	-	-	-
BK003102	-	-	-	353	283	-	-	-	-	-
BK003103	-	-	-	493	283	-	-	-	-	-
BK003104	-	-	-	618	283	-	-	-	-	-

* Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Enclosure RAL9010			
1-row, 12MW without door	305x250x99		BK003121
2-rows, 24MW without door	305x375x99		BK003122
3-rows, 36MW without door	305x515x99		BK003123
4-rows, 48MW without door	305x640x99		BK003124
Sheet steel door RAL9010			
Door for BK003121, 1-row	283x227x12		BK003101
Door for BK003122, 2-rows	283x353x12		BK003102
Door for BK003123, 3-rows	283x493x12		BK003103
Door for BK003124, 4-rows	283x618x12		BK003104
Accessory			
Door lock for BK003101 - 104	20x26x15		BK003105

■ Hood-type enclosures wall-mounted IP40 without door



IM009016



BD900014-A



IM009010

■ Schrack-Info

- Hood-type enclosures for use as fuseboxes and available in different widths (HP)
- IM types with PE and N terminals, partly lead sealable
- Degree of protection: IP40
- RAL7035 light grey



DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 1MW	27x120x60		BD900012
1-row, 2MW	51x130x60		IM009010
1-row, 4MW	88x130x60		IM009011
1-row, 8MW	200x198x72		BD900014-A
1-row, 12+1MW	283x185x94		IM009016



Domestic consumer unit enclosures series TOPO IP40



BK080102



BK080152



BK080053



BK080001



BK080050

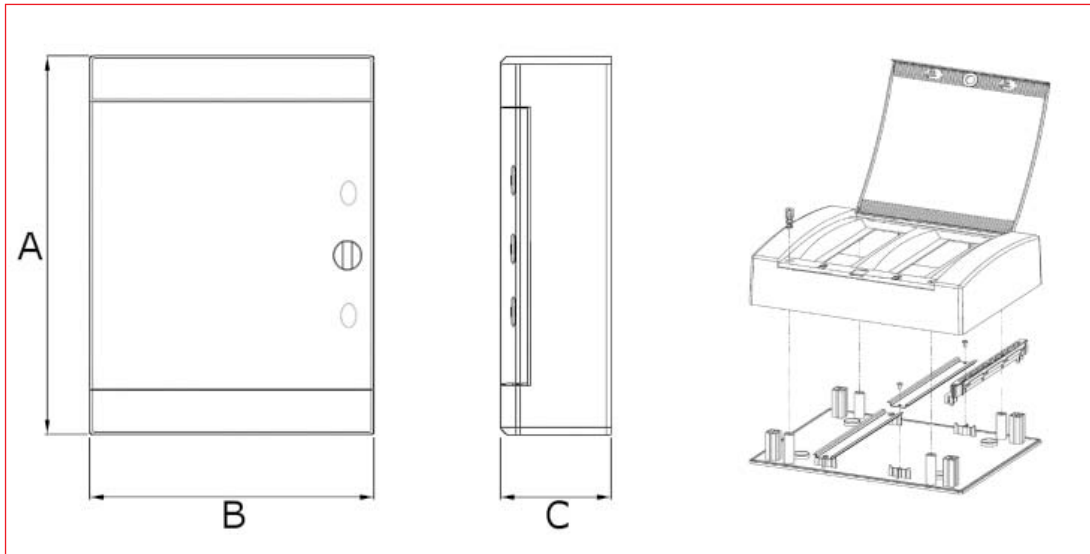


Schrack-Info

- Wall- and flush-mounted domestic consumer unit enclosures in ABS with transparent or solid plastic doors
- Lock: push-button, a small cylinder can be installed
- Includes PE and N terminals
- Protection class II
- Rated voltage 400VAC / In=63A
- Ambient temperature: -25° to +60°C
- Glow wire test: 650°C
- Recess depth: 68-70mm
- Degree of protection: IP40, Impact resistance: IK08
- RAL9010 pure white

Domestic consumer unit enclosures series TOPO IP40

Dimensions wall-mounted enclosure

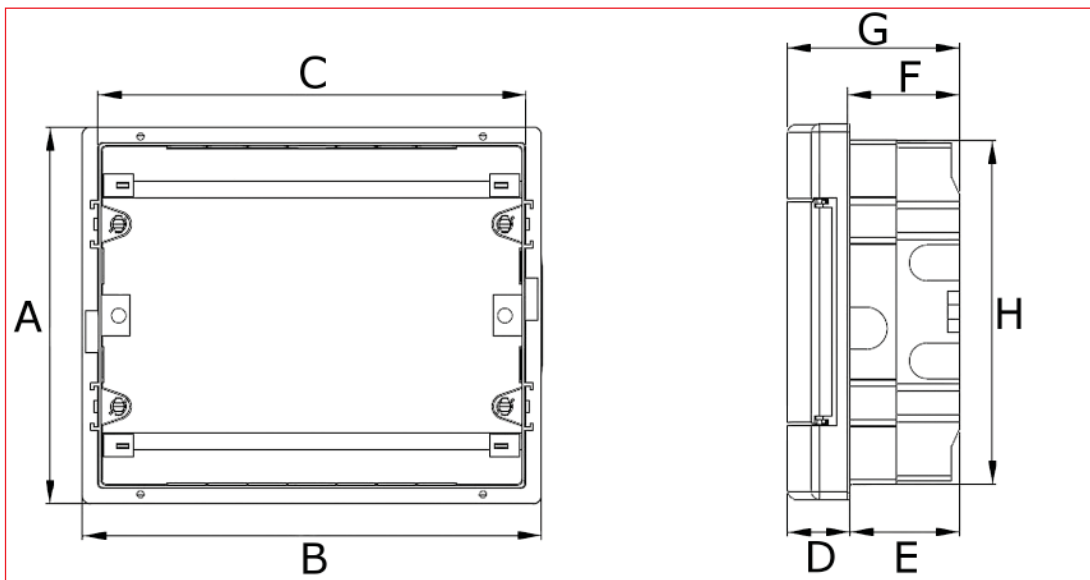


Article number		A [mm]	B [mm]	C [mm]	Rows	MW	Radiant power loss [W]*
with trans- parent door	with white door						
BK080100	BK080150	236	215	102	1	8	-14
BK080101	BK080151	236	287	112	1	12	-22
BK080104	BK080154	236	396	112	1	18	-22
BK080102	BK080152	361	287	112	2	24	-24
BK080106	BK080156	361	396	112	2	36	-25
BK080103	BK080153	526	287	112	3	36	-26
BK080105	BK080155	652	287	112	4	48	-28
BK080107	BK080157	526	396	112	3	54	-29

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268

Dimensions flush-mounted enclosure



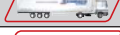




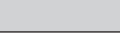


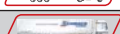



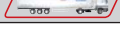




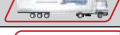

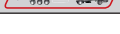





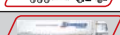




Article number		A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]	Rows	MW	Radiant power loss [W]*
with trans- parent door	with white door											
BK080000	BK080050	232	211	191	31	68	70	99	212	1	8	-14
BK080001	BK080051	232	283	273	38	68	70	106	212	1	12	-22
BK080004	BK080054	232	392	373	38	68	70	106	212	1	18	-23
BK080002	BK080052	357	283	273	38	68	70	106	336	2	24	-24
BK080006	BK080056	357	392	373	38	68	70	106	336	2	36	-25
BK080003	BK080053	482	283	273	38	68	70	106	460	3	36	-26
BK080007	BK080057	522	392	373	38	68	70	106	502	4	48	-29

*Max. radiated power of housing calculated as a flush-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page 268

Domestic consumer unit enclosures series TOPO IP40

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Wall-mounted with transparent door			
1-row, 8MW	215x236x102		BK080100
1-row, 12MW	287x236x112		BK080101
1-row, 18MW	396x236x112		BK080104
2-rows, 24MW	287x361x112		BK080102
2-rows, 36MW	396x361x112		BK080106
3-rows, 36MW	287x526x112		BK080103
4-rows, 48MW	287x652x112		BK080105
3-rows, 54MW	396x526x112		BK080107
Wall-mounted with white door			
1-row, 8MW	215x236x102		BK080150
1-row, 12MW	287x236x112		BK080151
1-row, 18MW	396x236x112		BK080154
2-rows, 24MW	287x361x112		BK080152
2-rows, 36MW	396x361x112		BK080156
3-rows, 36MW	287x526x112		BK080153
4-rows, 48MW	287x652x112		BK080155
3-rows, 54MW	396x526x112		BK080157
Flush-mounted with transparent door			
1-row, 8MW	211x232x99		BK080000
1-row, 12MW	283x232x106		BK080001
1-row, 18MW	392x232x106		BK080004
2-rows, 24MW	283x357x106		BK080002
2-rows, 36MW	392x357x106		BK080006
3-rows, 36MW	283x482x106		BK080003
3-rows, 54MW	392x522x106		BK080007
Flush-mounted with white door			
1-row, 8MW	211x232x99		BK080050
1-row, 12MW	283x232x106		BK080051
1-row, 18MW	392x232x106		BK080054
2-rows, 24MW	283x357x106		BK080052
2-rows, 36MW	392x357x106		BK080056
3-rows, 36MW	283x482x106		BK080053
3-rows, 54MW	392x522x106		BK080057



Distribution boxes wall-mounted - IP65 with transparent door



BK080200



BK080201



BK080202



BK080203



BK080204

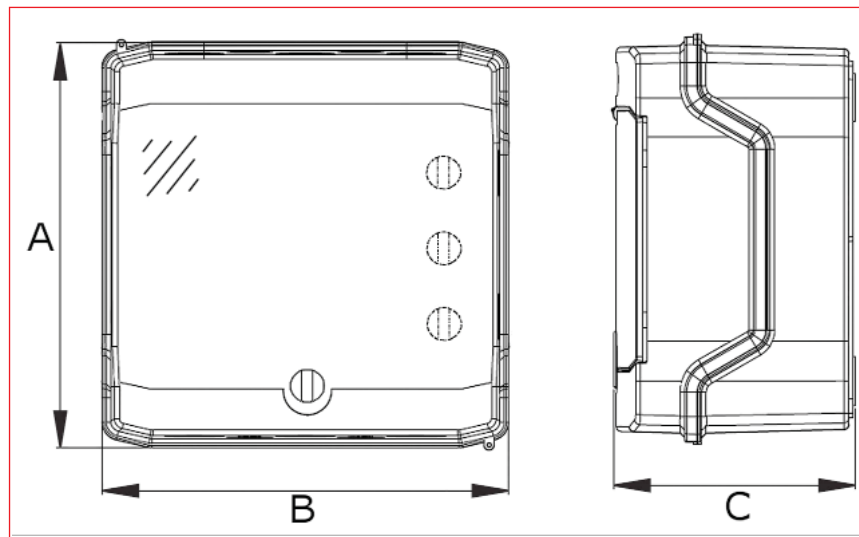


Schrack-Info

- Wall-mounted enclosures with transparent door
- Lock: rotary knob, a small cylinder can be installed
- Includes PE and N terminals
- Protection class II
- Rated voltage 400VAC / In=63A
- Ambient temperature: -25° to +60°C
- Glow wire test: 650°C
- Lock: RONIS small cylinder possible
- Material: ABS
- Degree of protection IP65
- RAL7035 light grey

Distribution boxes wall-mounted - IP65 with transparent door

Dimensions BK08201



Article number	A [mm]	B [mm]	C [mm]	Rows	MW	Radiant power loss [W]*
BK080200	201	128	120	1	4	-10
BK080201	201	202	120	1	8	-13
BK080202	259	319	144	1	12	-16
BK080203	384	319	144	2	24	-24
BK080204	508	319	144	3	36	-26

*Max. radiated power of housing calculated as a wall-mounted single fixed with $\Delta T = 35K$.

Detailed information and legal notes see page

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 4MW	128x201x120		BK080200
1-row, 8MW	202x201x120		BK080201
1-row, 12MW	319x259x144		BK080202
2-rows, 24MW	319x384x144		BK080203
3-rows, 36MW	319x508x144		BK080204

Accessories series TOPO IP40 and distribution boxes IP65



BK080095



BK080099



BK080096



BK080097

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
Half cylinder lock for BK08	25x20x40		BK080099
Half cylinder lock for BK08, metal	23x23x41		BK080096
Half cylinder lock for BK08, IP65	23x23x41		BK080095
PE/N terminal 2x8	176x15x30		BK080097
PE/N terminal 2x15	215x263x30		BK080098

Distribution boxes wall-mounted 18HP, 1-row - IP40



BK080121



BK080111



Schrack-Info

- 1-row (18HP) with transparent or solid plastic hinged lid
- Includes PE and N terminals, 2x11
- Rated voltage 400VAC / In=63A
- Ambient temperature: -25° to +60°C
- Glow wire test: 650°C
- Material: ABS
- RAL9010 pure white

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 18MW, transparent door	365x210x108		BK080121
1-row, 18MW, white door	365x210x108		BK080111

Distribution boxes for MCBs wall-mounted with hinged lid, IP55, halogen free



IM009020



IM009019



IM009020



IM009020



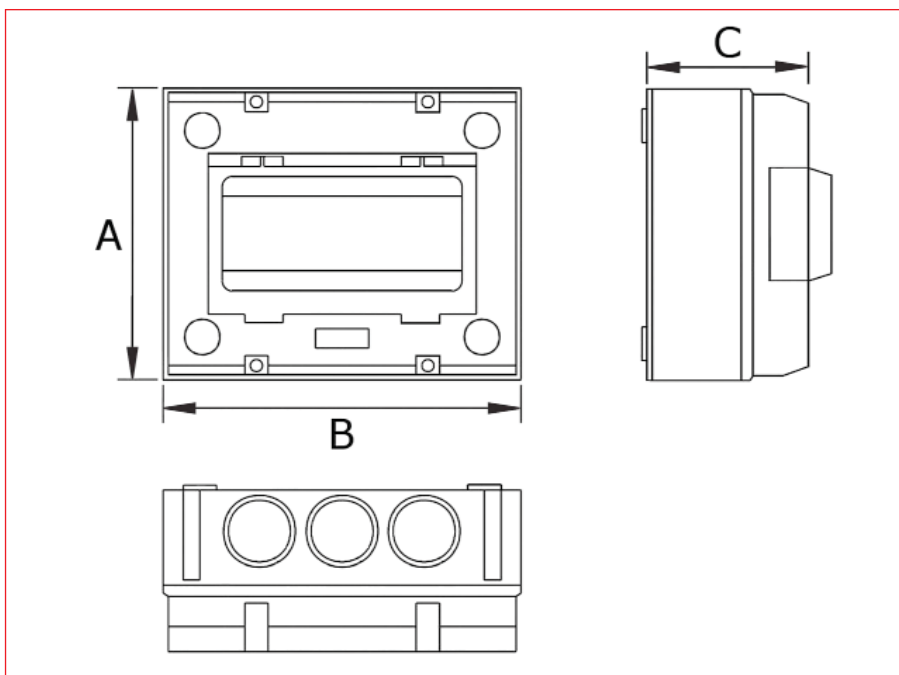
Order no. blue: on stock, usually ready for delivery on the day of order!

Distribution boxes for MCBs wall-mounted with hinged lid, IP55, halogen free

Schrack-Info





- With transparent hinged lid, 1-row (3-13 HP)
- Rated voltage 400VAC / In=63A
- Impact resistance: IK09
- Ambient temperature: -15° to +60°C
- Glow wire test: 650°C
- Knockouts: PG
- Material: polystyrole, halogen free
- RAL7035 light grey

Dimensions IM009021



Article number	A [mm]	B [mm]	C [mm]	Rows	MW	Knockouts top/bottom	Knockouts on the side	N-terminal [mm ²]	PE-terminal [mm ²]
IM009019	175	83	106	1	3	1x PG16/21	-	4x6	4x6
IM009020	175	125	114	1	5	2x PG16/21	2x PG16/21	4x6	4x6
IM009021	175	215	114	1	8	3x PG16/21	2x PG16/21	2x10 + 6x6	2x10 + 6x6
IM009022	200	287	124	1	13	2x PG 11, 2x PG 21, 1x PG 29	-	2x10 + 10x6	2x10 + 10x6

*Information about max. radiate performance of enclosure, see technical tables in attachment from page 274

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 3MW with drop lid	83x175x106		IM009019
1-row, 5MW with drop lid	125x175x114		IM009020
1-row, 8MW with drop lid	215x175x114		IM009021
1-row, 13MW with drop lid	287x200x124		IM009022

■ Distribution boxes wall-mounted with transparent doors, IP55, polycarbonate, halogen free



IM008151



IM008150



IM008152



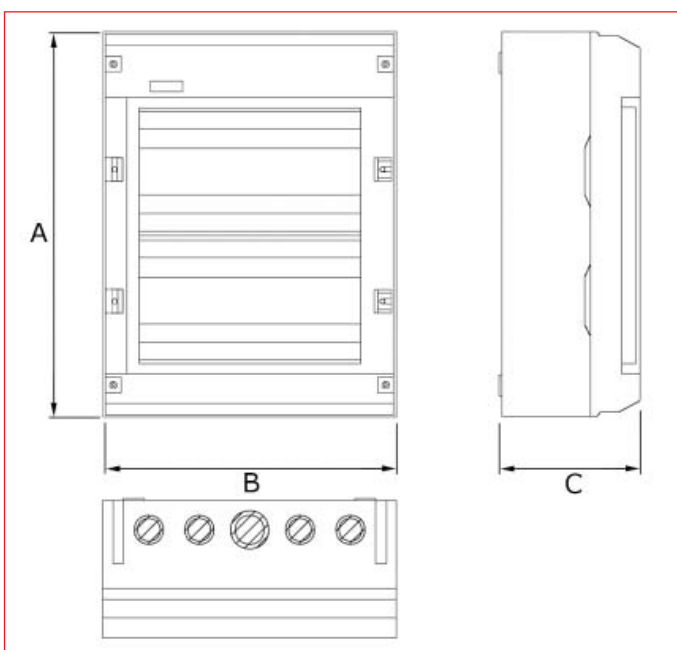
IM008151



■ Schrack-Info

- With transparent door, 1-3 rows (12-36 HP)
- Impact resistance: IK09
- Ambient temperature: -15° to +60°C
- Glow wire test: 650°C
- Knockouts: PG
- Material: polystyrole, halogen free
- RAL7035 light grey




■ Dimensions IM008151



Distribution boxes wall-mounted with transparent doors, IP55, polycarbonate, halogen free

Article number	A [mm]	B [mm]	C [mm]	Rows	MW	Knockouts top/bottom	Knockouts on the side	N-terminal [mm ²]	PE-terminal [mm ²]
IM008150	250	285	136	1	12	4x PG16/21, 1x PG 21/29	2x PG16	2x16 + 6x10	2x16 + 6x10
IM008151	375	285	136	2	24	4x PG16/21, 1x PG 21/29	3x PG16	2x16 + 8x10	2x16 + 8x10
IM008152	500	285	136	3	36	4x PG16/21, 1x PG 21/29	4x PG16	2x16 + 12x10	2x16 + 12x10

*Information about max. radiate performance of enclosure, see technical tables in attachment from page 274

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 12MW with door	285x250x136		IM008150
2-rows, 24MW with door	285x375x136		IM008151
3-rows, 36MW with door	285x500x136		IM008152

Distribution boxes for MCBs wall-mounted with hinged doors, IP65, halogen free



IG702030



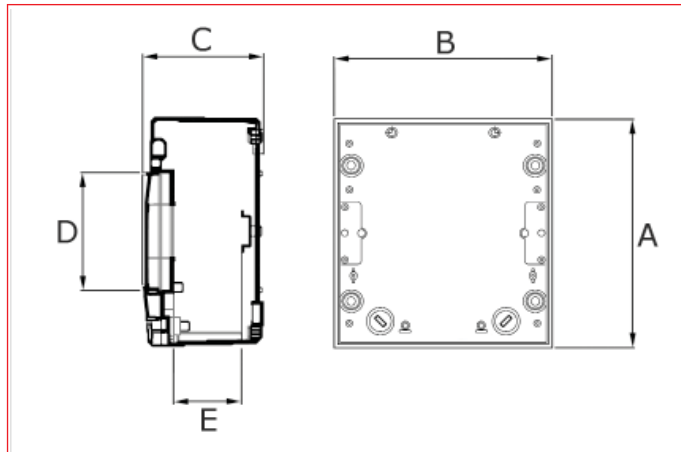
IG702031

Schrack-Info

- With transparent hinged lid with TPE seal, 1-row (5 and 9 modules)
- Impact resistance: IK08
- Ambient temperature: -40° to +80°C
- Glow wire test: 960°C
- Knockouts: metric
- Material: polycarbonate, halogen free
- RAL7035 light grey



Dimensions IG702031

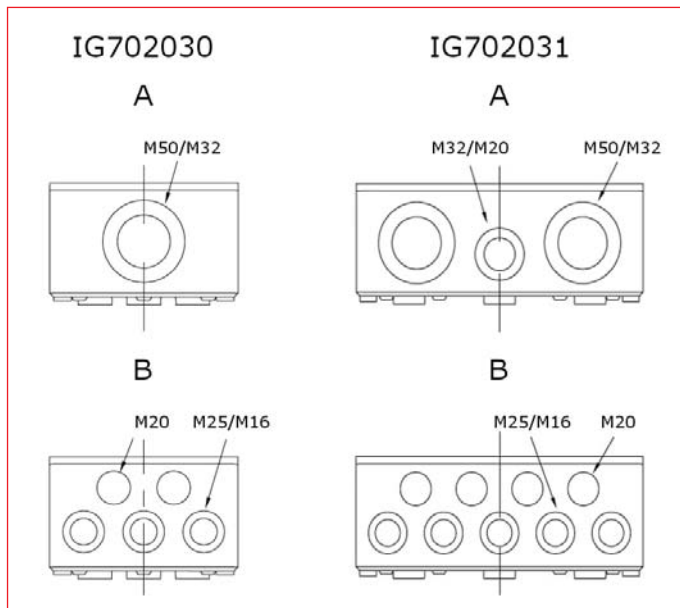


Article number	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Rows	MW
IG702030	200	116	105	103	59	1	5
IG702031	200	190	105	103	59	1	9

*Information about max. radiate performance of enclosure, see technical tables in attachment from page 274

Distribution boxes for MCBs wall-mounted with hinged doors, IP65, halogen free

Knockouts for cable entry



Knockouts for cable entries

IG702030	
A	Knockout at the top 1x M50/M32
B	Knockouts at the bottom 3x M25/M16 2x M20
IG702031	
A	Knockouts at the top 2x M50/M32 1x M32/M20
B	Knockouts at the bottom 5x M25/M16 4x M20

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 5MW drop lid	116x200x105		IG702030
2-rows, 9MW drop lid	190x200x105		IG702031

Distribution boxes wall-mounted with transparent doors, IP65, polycarbonate, halogen free



IG702033



IG702034



IG702033

Schrack-Info

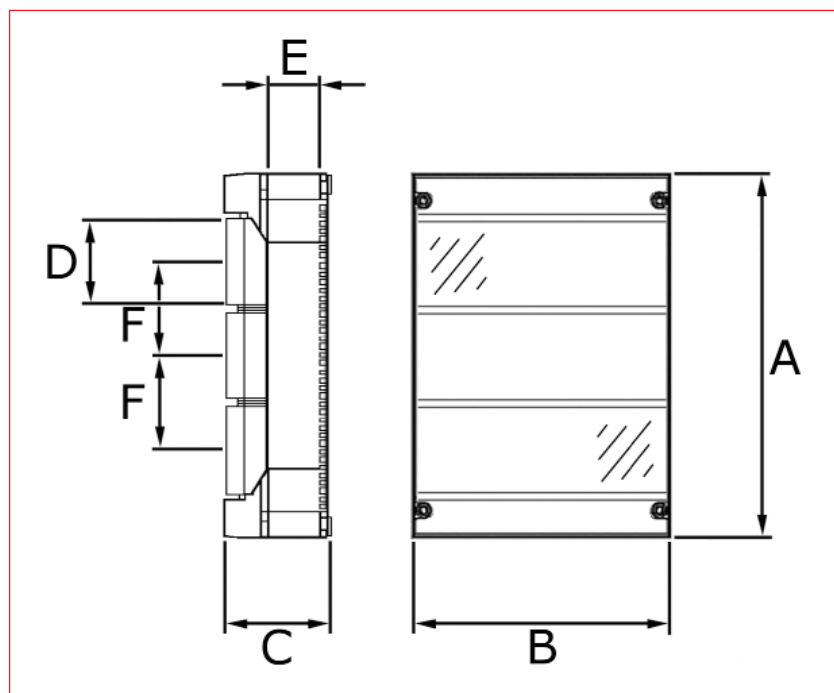
- With transparent door with TPE seal, 1-4 rows (14-56 HP)
- Impact resistance: IK08
- Ambient temperature: -40° to +80°C
- Glow wire test: 960°C
- Knockouts: metric
- Material: PC, halogen free
- RAL7035 light grey



Order no. blue: on stock, usually ready for delivery on the day of order!

Distribution boxes wall-mounted with transparent doors, IP65, polycarbonate, halogen free

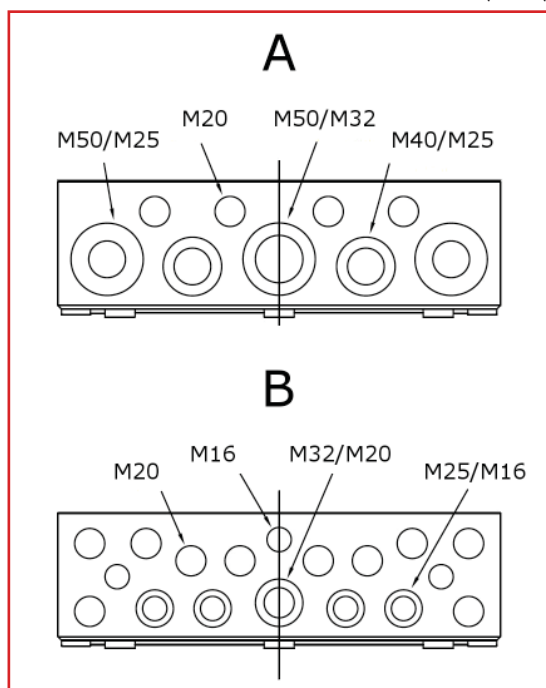
Dimensions IG702033



Article number	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	Rows	MW
IG702032	280	306	145	139,5	70,5	-	1	14
IG702033	430	306	145	139,5	70,5	150	2	28
IG702034	580	306	145	139,5	70,5	150	3	42
IG702035	730	306	145	139,5	70,5	150	4	56

*Information about max. radiate performance of enclosure, see technical tables in attachment from page 274

Knockouts for cable entries IG702032, -33, -34 & -35



Knockouts for cable entries

IG702032, -33, -34 and -35

Knockouts at the top

1x M50/M32

A 2x M50/M25

2x M40/M25

4x M20

Knockouts at the bottom


1x M32/M20

B 4x M25/M16

10x M20

3x M16

DESCRIPTION	WxHxD mm	AVAILABLE	ORDER NO.
1-row, 14MW with transp. door	306x280x145		IG702032
2-rows, 28MW with transp. door	306x430x145		IG702033
3-rows, 42MW with transp. door	306x580x145		IG702034
4-rows, 56MW with transp. door	306x730x145		IG702035



*„There is no prosperity and advancement
like knowledge and science.“*

Ali ibn Abi-Talib

ACCESSORIES

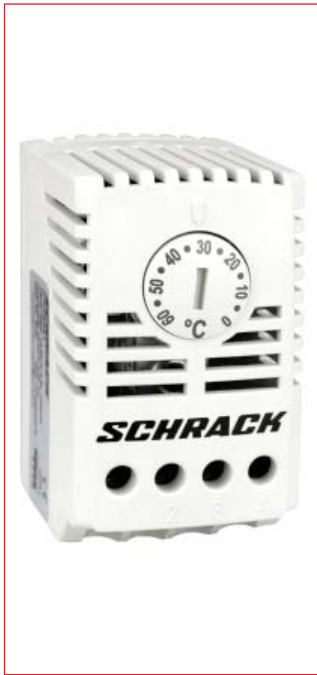
*„The body is but the outer shell of the mind.
It must follow the commands of the mind.“*

Swami Vivekânanda





Thermostats



IUK08561



IUK08565



IUK08566



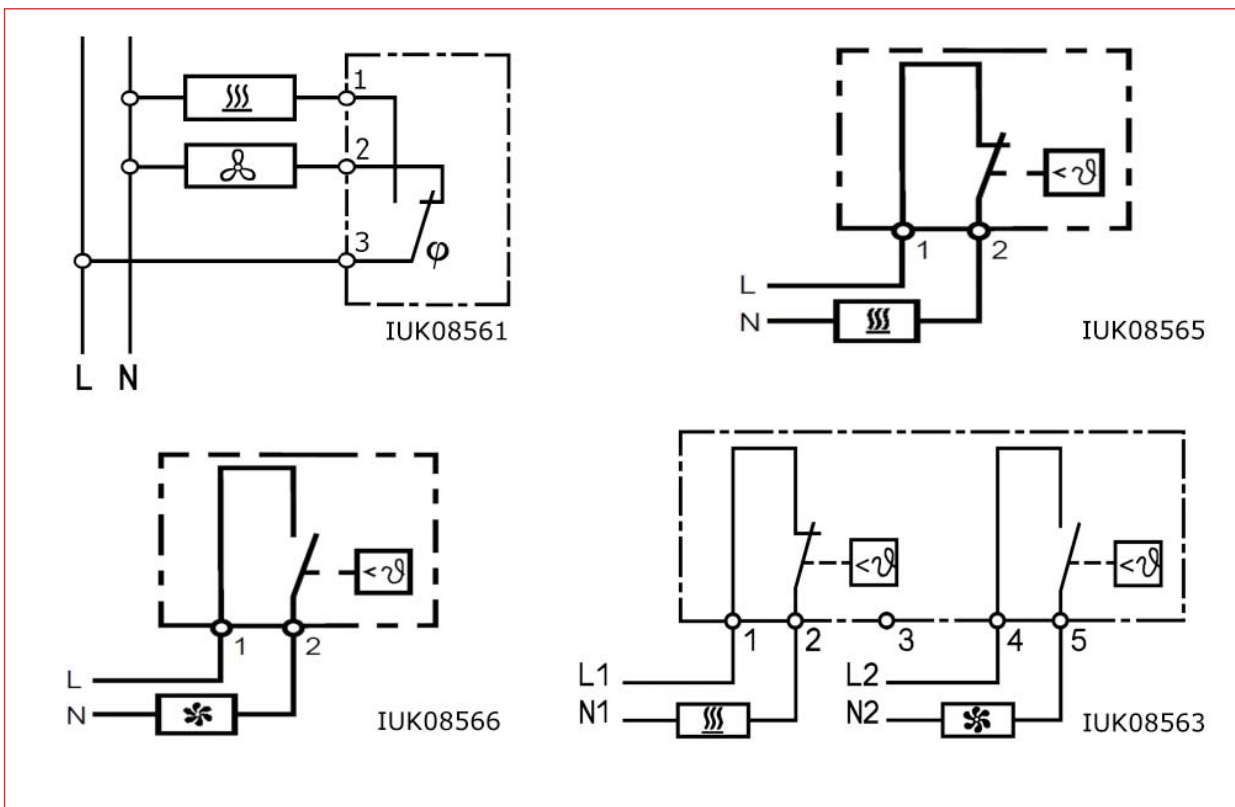
IUK08563

IP20

Schrack-Info





- Thermostats are used as temperature controllers and to control filter fans and radiant heaters. The series of thermostats consists of three types that are available with NC, NO and CO contact. The twin thermostat is designed as fan and heating control system (1 NO/1 NC)
- Mounting: snap fastening for 35 mm profile bars

Circuit diagram thermostats



Thermostats

Data	Unit	IUK08561	IUK08565	IUK08566	IUK08563
Type of contact		Changeover (CO) with spring contact	Normally closed (NC) with spring contact	Normally open (NO) with spring contact	Normally closed (NC) / Normally open (NO) with spring contact
Setting range	°C (°F)	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)
Switching temperature difference	[K]	1	<7	<7	<7
Switching point tolerance	[K]	± 3	± 4	± 4	± 4
Max. switching power value in brackets: inductive load at cos φ = 0.6V DC		Normally closed (NC) 100 - 250V AC / 10 (2)	Normally closed (NC) 240V AC / 10 (2)	Normally closed (NC) 240V AC / 10 (2)	Normally closed (NC) 240V AC / 10 (2)
		Normally open (NO) 100 - 250V AC / 5 (2)	Normally open (NO) 120V AC / 15 (2)	Normally open (NO) 120V AC / 15 (2)	Normally open (NO) 120V AC / 15 (2)
	[W]	max. 30	max. 30	max. 30	max. 30
Operating temperature range	°C (°F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-20 to +80 °C (-4...+179 °F)
Storage temperature range	°C (°F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-20 to +80 °C (-4...+179 °F)
Dimensions HxWxD	[mm]	64 x 37 x 46	72 x 40 x 36	72 x 40 x 36	80,5 x 59 x 38
Sensor type		Bimetal	Bimetal	Bimetal	Bimetal
Degree of protection		IP 20	IP 20	IP 20	IP 20
Weight	[g]	75	50	50	95
Connection type		Screw terminal for cable cross-section 0.5 up to 2.5mm ²			
Suitable for the operation of		Ventilator and radiator	Heating	Ventilator	Ventilator and radiator
Type of mounting		Snap fastening for 36mm profile rails according to EN 60715			
Color		RAL 7035			

DESCRIPTION	AVAILABLE	ORDER NO.
Thermostat, 1 CO switch, 0°-60°C		IUK08561
Heating thermostat 1 NC switch, red, 0°-60°C		IUK08565
Ventilation thermostat 1 NO switch, blue, 0°-60°C		IUK08566
Twin thermostat, 1 NO/1 NC switch, 0°-60°C		IUK08563



Hygostat and hygostat thermostat



IUK08564



IUK08562



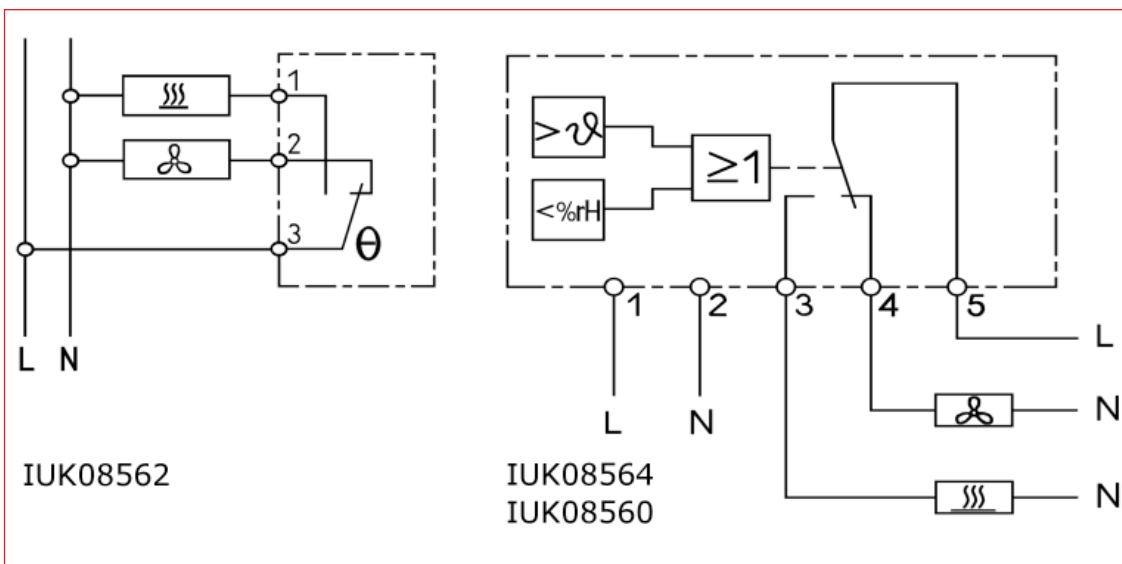
IU008560

IP20

Schrack-Info




Hygostats regulate heating systems and filter fans in control cabinets when the determined relative humidity is exceeded. Thereby, the relative humidity is kept above the dew point and the collection of water on the electrical components as well as corrosion on exposed panels is avoided. The electric combined device unites thermostat and hygostat in one device and simultaneously and independently controls the relative humidity and temperature in the cabinet

Circuit diagram hygostat and hygostat thermostat



Hygrostat and hygrostat thermostat

Data	Unit	IUK08562	IUK08564	IU008560-A
Type of contact		Changeover (CO) with spring contact	Changeover (CO) / relay	Changeover (CO) / relay
Setting range	°C (°F)	-	0 to +60 °C (+32...+140 °F)	0 to +60 °C (+32...+140 °F)
Humidity range (adjustable)	[rh]	40 - 90%	40 - 90%	50 - 90%
Switch temperature difference	[K]	approx. 5%	ca. 2 K ± 1 K / ca. 4% rh ± 1%	2 K ± 1 K at +25 °C (+77 °F), 50 % rh
Switching point tolerance	[K]	± 4	-	4% rh ± 1 % at +25 °C (+77 °F), 50 % rh
Max. switching power value in brackets: inductive load at cos φ = 0.6		Normally closed (NC) 24 - 250V AC / 5 (0,2)A – min. 100mA	Normally closed (NC) 240V AC, 8 (3)A or 120V AC, 8 (3) A	Normally closed (NC) 240V AC, 10 (1.6) A
		Normally open (NO) 24 - 250V AC / 2 (0,2)A – min. 100mA	Normally open (NO) 24V DC, 4A	Normally open (NO) 60V DC, 0.6A
	[W] DC	max. 30	-	-
Operating temperature range	°C (°F)	0 to +60 °C (+30 ... + 140 °F)	- 20 to + 60 °C (- 4 ... + 140 °F)	-40 to +60 °C (-40 bis +140 °F)
Storage temperature range	°C (°F)	-40 to 80 °C (-40...+176 °F)	-40 to +80 °C (-40...+176 °F)	-40 to +60 °C (-40 bis +140 °F)
Dimensions HxWxD	[mm]	60 x 37 x 47	80,5 x 59 x 38	77 x 60 x 43
Degree of protection		IP 20	IP 20	IP 20
Weight	[g]	55	85	200
Connection type		Screw terminal for cable cross-section 0.5 to 2.5mm ²		
Suitable for the operation of		Ventilator and radiator		
Type of mounting		Snap fastening for 35mm profile rails according to EN 60715		
Color		RAL 7035		

DESCRIPTION	AVAILABLE	ORDER NO.
Hygrostat, 1 CO switch, 40 - 90% rh		IUK08562
Hygrostat thermostat, 1 CO switch relay contact, 0°-60°C, 40-90% rh		IUK08564
Hygrostat, 1 CO switch relay contact, 0-60°C, 50-90% rh		IU008560-A



Filter fans with integrated foam gasket IP54



IUKNF2523A



IUKNEXXX



IUKM4610



IUKM4720



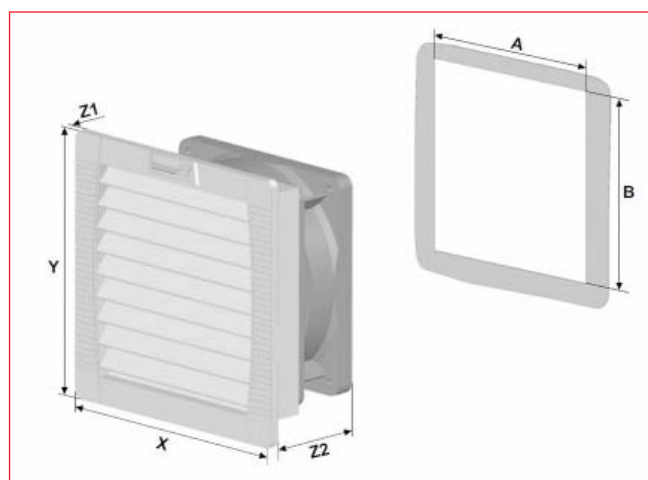
IU008563



Schrack-Info

- Filter ventilators and exhaust filters are injection-moulded from thermoplastic material, self-extinguishing according to UL94VO, UV-resistant
- Toolless mounting with patented 4-corner-catching
- Simple exchange of filter mat thanks to patented and service-friendly hinge system
- Variable direction of air conveyance via 180° rotation of fan-motor assembly, standard as delivered is directing towards the enclosure (not possible for IUNKF1523A)
- Fast electrical connection via spring-type terminals
- Degree of protection: IP54 with standard filter mat, IP55 can be reached by using fluted filter mat IUKM4x20 (not possible for IUNKF1523A)
- RAL7035 light grey

Dimensions filter fans



Article number	X [mm]	Y [mm]	Z1 [mm]	Z2 [mm]	A ¹ [mm]	B ¹ [mm]
Filterfans						
IUNKF1523A	109	109	4	62	92	92
IUKNF2523A	145	145	5	70	125	125
IUKNF3523A	202	202	6	87	177	177
IUKNF4523A	252	252	6	113	223	223
IUKNF5523A	252	252	6	113	223	223
IUKNF6523A	320	320	7	150	291	291
IUKNF7523A	320	320	7	150	291	291
IUKNF8523A	320	320	7	150	291	291
Exhaust filter						
IUKNE150	109	109	4	19	92	92
IUKNE250	145	145	5	26	125	125
IUKNE350	202	202	6	34	177	177
IUKNE450	252	252	6	38	223	223
IUKNE550	320	320	7	39	291	291



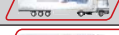











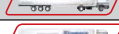






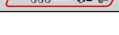
¹For material thickness up to 2 mm, +1 mm for material thickness > 2 mm = 3 mm

Filter fans with integrated foam gasket IP54

Data			IUKNF1523A	IUKNF2523A	IUKNF3523A	IUKNF4523A	IUKNF5523A	IUKNF6523A	IUKNF7523A	IUKNF8523A
Airflow quantity (unimpeded)	IP 54	[m³/h]	25 / 29	61 / 70	110 / 125	156 / 171	256 / 292	480 / 480	640 / 653	845 / 875
	IP 55	[m³/h]	-	56 / 64	100 / 110	145 / 160	233 / 265	505 / 505	770 / 785	925 / 950
Airflow quantity in combination -> including IUKNE...	IP 54	[m³/h]	16 / 18	44 / 52	82 / 93	116 / 127	231 / 265	370 / 370	445 / 445	560 / 625
	IP 55	[m³/h]	-	40 / 46	55 / 64	109 / 113	180 / 207	380 / 380	490 / 501	570 / 625
Power consumption		[W]	12 / 11	19 / 18	19 / 18	18 / 17	45 / 39	65 / 80	115 / 150	135 / 200
Current consumption		[A]	0.07 / 0.06	0.12 / 0.18	0.12 / 0.18	0.12 / 0.10	0.32 / 0.26	0.30 / 0.36	0.51 / 0.66	0.59 / 0.88
Noise level according to EN ISO 3741	IP 54	dB [A]	33 / 33	44 / 44	40 / 40	40 / 43	42 / 46	54 / 52	63 / 64	66 / 69
	IP 55	dB [A]	-							
Weight		[kg]	0.55	0.70	0.87	1.18	1.67	3.20	3.20	3.70
Connection type			Cable			Terminal strip		Spring terminal clip		
Filtration efficiency	IP 54	[%]	88						91	
	IP 55	[%]	91							
Quality of the filter mat according to DIN EN 779	IP 54		G 3					G 4		
	IP 55		G 4							
Bearing type			Sleeve bearing			Ball bearing				
Servicelife L10 (+ 40 °C)*		[h]	52.500	37.500		40.000				
Rated voltage ± 10%		[V]	230V AC 50/60 Hz							
Fuse		[A]	6							
Duty cycle		[%]	100							
Degree of protection according to EN 60529 / UL 50	IP 54		NEMA Type 12 - Standard filter							
	IP 55		-	NEMA Type 12 - Fluted filter						
Design (housing and protection against contact)	IP 54		Made of injection-moulded thermoplastic, self-extinguishable UL 94 VO							
	IP 55		-	Additional: UV-resistant						
Color			RAL 7035							
Temperature range		°C (F)	- 40 to + 55 °C (- 40 to + 131 °F)							

Fields containing two values (z.B.: 25 / 29) refer to 50/ 60Hz

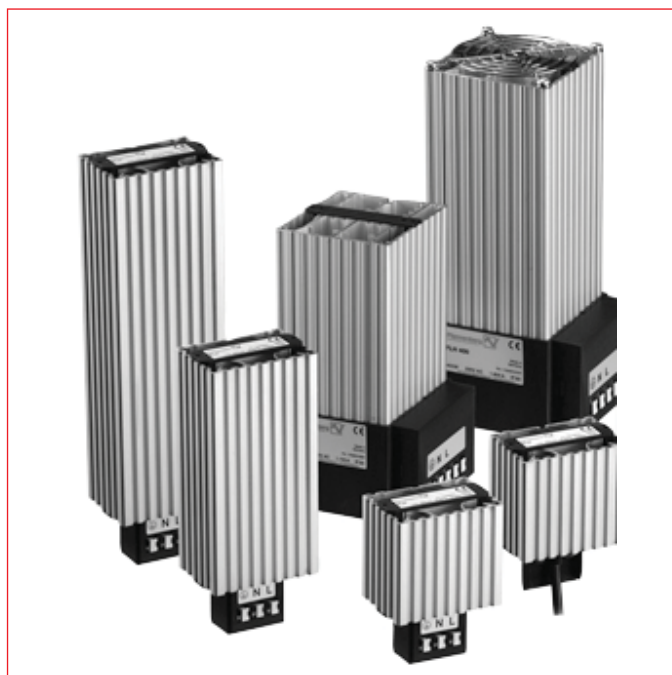
* Fan fail is defined as the deviation of the current value or the speed indication or when there is a suspicious operational noise.

DESCRIPTION	AVAILABLE	ORDER NO.
Filterfans IP54 (WxHxD)		
109x109x62mm (25m³/h)		IUKNF1523A
145x145x70mm (61m³/h)		IUKNF2523A
202x202x87mm (110m³/h)		IUKNF3523A
252x252x113mm (156m³/h)		IUKNF4523A
252x252x113mm (256m³/h)		IUKNF5523A
320x320x150mm (480m³/h)		IUKNF6523A
320x320x150mm (640m³/h)		IUKNF7523A
320x320x150mm (845m³/h)		IUKNF8523A
Exhaust filters IP54 (WxHxD)		
109x109x19mm, IP54		IUKNE150
145x145x26mm, IP54		IUKNE250
202x202x34mm, IP54		IUKNE350
252x252x38mm, IP54		IUKNE450
320x320x39mm, IP54		IUKNE550
Accessories		
Pressure compensating device IP55 (PU=2pcs.)		IU008563
Spare filter for filter fan 109x109mm, IP54 (PU=5pcs.)		IUKM4510
Spare filter for filter fan 145x145mm, IP54 (PU=5pcs.)		IUKM4610
Spare filter for filter fan 202x202mm, IP54 (PU=5pcs.)		IUKM4710
Spare filter for filter fan 252x252mm, IP54 (PU=5pcs.)		IUKM4810
Spare filter for filter fan 320x320mm, IP54 (PU=5pcs.)		IUKM4910
Spare filter for filter fluted fan 145x145mm, IP55 (PU=5pcs.)		IUKM4620
Spare filter for filter fluted fan 202x202mm, IP55 (PU=5pcs.)		IUKM4720
Spare filter for filter fluted fan 252x252mm, IP55 (PU=5pcs.)		IUKM4820
Spare filter for filter fluted fan 320x320mm, IP55 (PU=5pcs.)		IUKM4920



Order no. blue: on stock, usually ready for delivery on the day of order!

Heaters



IUK08364-A



IUK08343



IUK08341



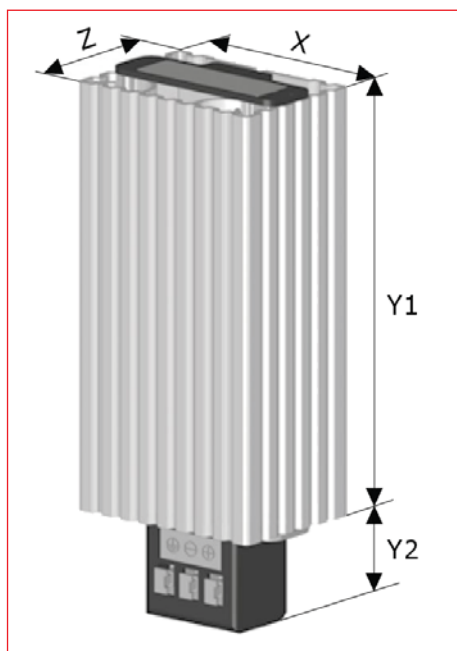
IUK08342



Schrack-Info

- Radiant heaters are used in combination with a thermostat or hygrostat, predominantly to avoid excessively low temperatures or excessively high humidity in the control cabinet
- Wattages of 10 to 150W make sure that the perfect amount of heating power is always available

Dimensions heaters










[mm]	10 - 45W	60 - 100W	150W
X	70	70	70
Y1	65	140	215
Y2	35	35	35
Z	50	50	50

Heaters

Data	Unit	IUK08364-A	IUK08346	IUK08341	IUK08342	IUK08343	IUK08344	IUK08345
Radiator power (T _a = +20 °C)	[W]	10	15	30	45	60	100	150
Max. surface temperature	[°C]	55	65	90	105	105	130	150
Power consumption	[W]	10	15	30	45	60	100	150
Starting current	[A]	1	1.1	1.2	1.8	2.5	5	7.5
Weight	[g]	250	250	250	250	450	510	770
Degree of protection for intended use		IP 44 (connection cable) and IP 20 (plug terminal connection)						
Rated voltage		230V AC, 50/60 Hz*						
Functional range		110 - 250V AC, 50/60 Hz						
Duty Cycle	[%]	100						
Operational temperature range	°C (F°)	-40 to +70 (-40 to +158)						
Storage temperature range	°C (F°)	-40 to +70 (-40 to +158)						
Installation orientation		AS desired, preferably vertical						
Device construction		Aluminum profile, light anodized						
Mounting type		Snap fastening for 35mm profile bars according to EN 60715						
Protection class		Class I						
Connection		Connecting cable (500mm) or plug terminal connection						
Clamping range of the terminal clamp		Single-wire: 2 x 0.5 - 2.5 mm ² , fine-stranded: (tinned, with ferrule, with pin cable lug) 2 x 0.5 - 1.5 mm ²						

*Other voltage upon request

DESCRIPTION	AVAILABLE	ORDER NO.
10W, Terminal connection		IUK08364-A
15W, Terminal connection		IUK08346
30W, Terminal connection		IUK08341
45W, Terminal connection		IUK08342
60W, Terminal connection		IUK08343
100W, Terminal connection		IUK08344
150W, Terminal connection		IUK08345



Fan heaters



IUK08250



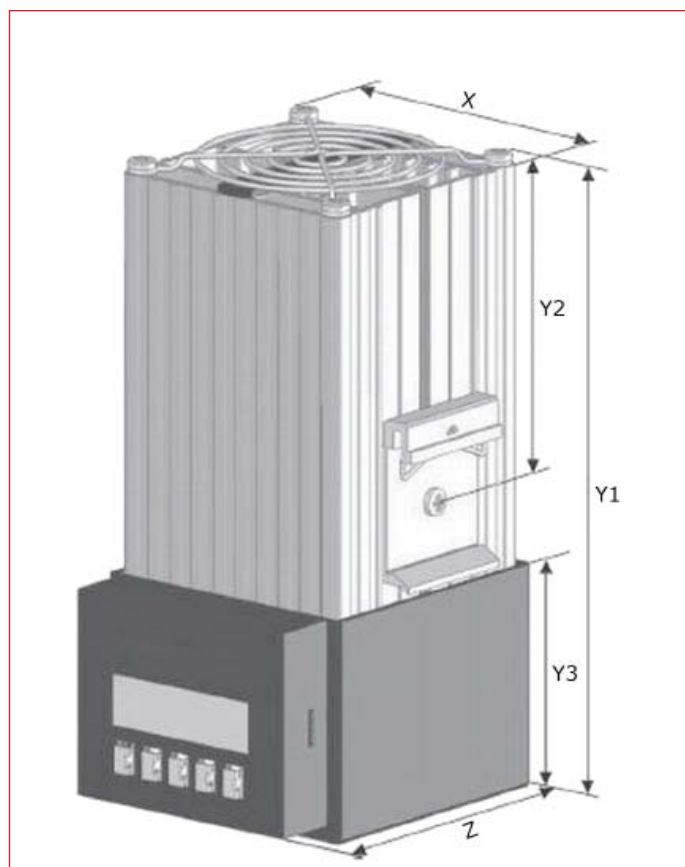
IUK08400



Schrack-Info

- The series of fan heaters consists of two versions with 250 and 400W heating power
- Ideal for use in larger electrical enclosures
- It has an integrated fan that assists the natural convection and thus provides fast and even distribution of the heat in the control cabinet

Dimensions fan heaters



[mm]	IUK08250	IUK08400
X	85	85
Y1	186,5	226,5
Y2	90	90
Y3	65	65
Z	104	104

Fan heaters

Data	Unit	IUK08250	IUK08400
Radiator power (Ta = +20 °C)	[W]	250	400
Max. surface temperature	[°C]	70	85
Power consumption	[W]	260	410
Starting current	[A]	1.1	1.8
Degree of protection for intended use		IP 20	
Weight	[g]	1035	1200
Airflow quantity	[m³/h]	50 (50 Hz) / 61 (60 Hz)	
Rated voltage	[V]	230V AC, 50/60 Hz	
Functional range	[V]	207 - 258V AC, 50/60 Hz	
Duty cycle	[%]	100%	
Operational temperature range	°C (°F)	-40 to +70 °C (-40 to +158 °F)	
Storage temperature range	°C (°F)	-40 to +70 °C (-40 to +158 °F)	
Installation orientation		As desired, preferably vertical	
Device construction		Aluminum profile, brightly anodized	
Mounting type		Snap fastening for 35mm profile bars according to EN 60715	
Protection class		Class I	
Connection		Plug terminal connector	
Clamping range of the terminal clamp		Single-wire 2 x 0.5 - 2.5 mm² fine-stranded: (tinned, with ferrule, with terminal pins) 2 x 0.5 - 1.5 mm²	

DESCRIPTION	AVAILABLE	ORDER NO.
250 W, Terminal connection		IUK08250
400 W, Terminal connection		IUK08400



Order no. blue: on stock, usually ready for delivery on the day of order!

Miniature heaters



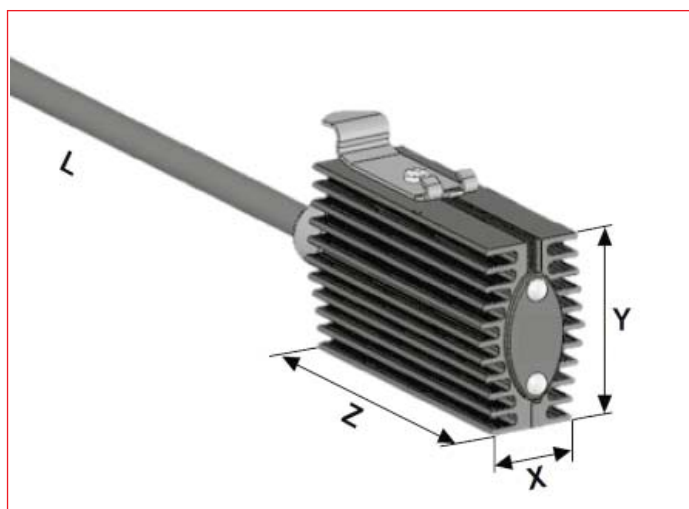
IUK08353

Schrack-Info

- The series of miniature heaters consists of three versions with 10, 20 and 30W
- The new mini heaters are especially well-suited for use in small enclosures and for specific heating of sensible areas.
- The 9-36V AC/DC heaters have a degree of protection of IP20, the mini heaters with cable in 10, 20 and 30W a degree of protection of IP54.








Dimensions miniature heaters



[mm]	IUK08351	IUK08352	IUK08353
X		29,5	
Y		45	
Z		75	
L		300	

Data	Unit	IUK08351	IUK08352	IUK08353
Radiator power (T _a = +20 °C)	[W]	10	20	30
Max. surface temperature	[°C]	95	115	140
Power consumption	[W]	10	20	30
Starting current	[A]	1	1.1	1.2
Degree of protection for intended use		IP 54		
Weight	[g]	85	120	120
Nominal voltage	[V]	230V AC, 50/60 Hz		
Functional range	[V]	110 - 250V AC, 50/60 Hz		
Duty cycle	[%]	100%		
Operational temperature range	°C (°F)	-40 to +70 °C (-40 to +158 °F)		
Storage temperature range	°C (°F)	-40 to +70 °C (-40 to +158 °F)		
Installation orientation		As desired, preferably vertical		
Device construction		Aluminium profile, brightly anodized		
Mounting type		Snap fastening for 35mm bars according to EN 60715		
Protection class		Class II		
Connection		Connection cable 300mm		

Miniature heaters

DESCRIPTION	AVAILABLE	ORDER NO.
IP20		
Heater 15W 9-36V AC/DC		IU008346-A
Heater 30W 9-36V AC/DC		IU008347-A
Heater 60W 9-36V AC/DC		IU008349-A
Heater 100W 9-36V AC/DC		IU008350-A
Heater 150W 9-36V AC/DC		IU008351-A
IP54		
Small heater, 10W, 110-250V, cable 0.3m		IUK08351
Small heater, 20W, 110-250V, cable 0.3m		IUK08352
Small heater, 30W, 110-250V, cable 0.3m		IUK08353



▀ Lamp systems for enclosures



IU008508



IU008509



IU008515



IU008518



IU008513



IU008523



IU008524



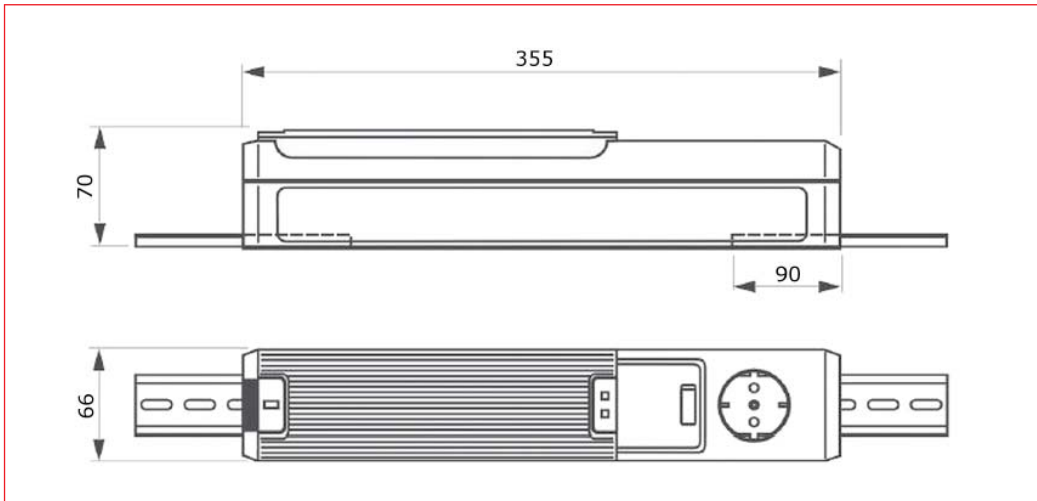
IU008517

▀ Schrack-Info

- Enclosure lamp with various mounting options and bulbs for individual applications
TIP: can be combined with door position switch ASDSW010
LI5V010618 is the replacement bulb for lamps IU008508 and IU008513
- The LED lamp IU008523 was especially designed for use in cabinets and enclosures with high electric/electronic component density. These lamps are state-of-the-art LED technology and have a long service life. A powerful magnet enables the lamp to be mounted freely in any desired position in metal enclosures saving time and installation problems. Quick coupling can be realised via the lockable plug and the integrated power supply. Up to 10 lamps can be connected in series. The delivery does not include plugs, sockets and cables for the electrical connection. Optional accessories are IU008524 and IU008525

▀ Lamp systems for enclosures

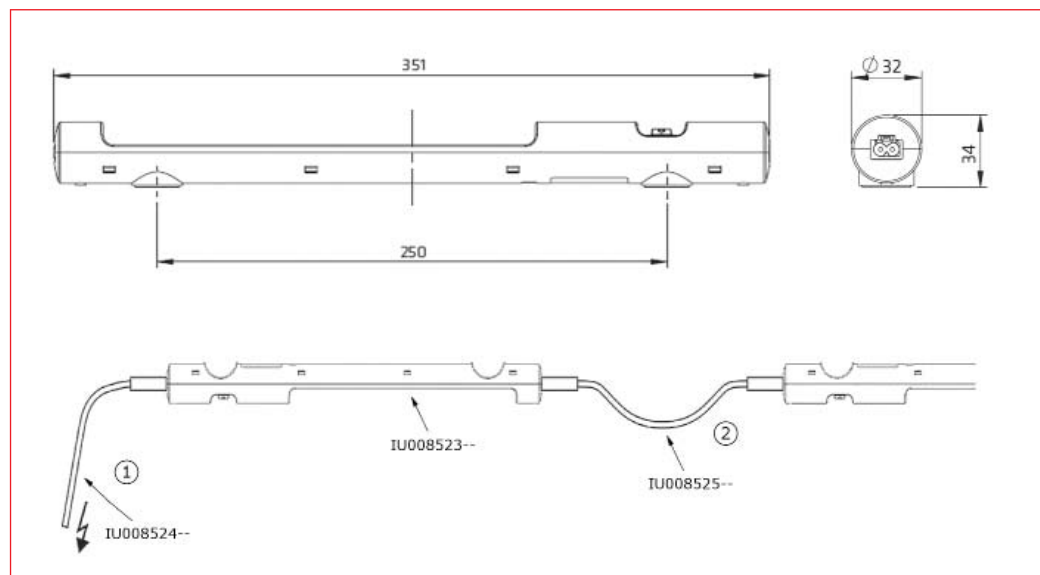
▀ Dimensions IU008508/13



IU008508	Unit	Description
Luminosity	[lm]	900 lm (equals light bulb 75 W/230 V, 60 W/120 V)
Lamp type		Compact fluorescent lamp with integral starter
Service life	[h]	5.000
Switch		On/ Off light switch
Connection		3-pole terminal 2.5mm ² with cable clamp, torque 0.8Nm max.
Mounting		Magnet fixing
Casing		Plastic, light grey
Dimensions	[mm]	355 x 65 x 70
Weight	[g]	ca. 1000
Fitting position		variable
Operation/ storage temperature	°C (F)	-20 to +50 °C (-4 to +122 °F) / -45 to +70 °C (-49 to +158 °F)
Operation/ storage humidity	[rF]	max. 90 % (non-condensing)
Degree of protection		IP20
Accessories		Cover included in the delivery

Lamp systems for enclosures

Dimensions IU008523



IU008523	Unit	Description
Power consumption	[W]	max. 5
Luminosity	[lm]	400 at 120 ° (1.200lm at 360° or equivalent 95W light bulb)
Lamp type		LED, angle of radiation 120 °
Color	[K]	Daylight white, color temperature: 6.000 to 7.000K
Servive life	[h]	60.000 at 20 °C (68 °F)
Connection		2-pole connector with snap lock AC: max. 2.5A / 240V AC, color: white DC: max. 2.5 A / 60V DC, color: blue
Mounting		Magnet fixing or screw fixing (M5), clip fixing (M6), torque 2Nm max.
Casing		Plastic, transparent
Operation/ storage temperature	°C (F)	-30 to +60 °C (-22 to +140 °F) / -40 to +85 °C (-40 to +185 °F)
Operation/ storage humidity	[rF]	max. 90 % (non-condensing)
Degree of protection/ protection class		IP20 / class II (double insulated)

DESCRIPTION	AVAILABLE	ORDER NO.
Dual light with ON/ OFF-off switch		IU008515
Hand lamp w. light holder and hook/ means lead and plug		IU008517
Compact cabinet light w. magnetic fastening, socket a. cover		IU008508
Compact cabinet light with pin-earth, Switzerland		IU008513
Compact cabinet light without magn. fastening, with socket		IU008509
Compact light, slim, IP20, 11W, screwmounting		IU008518
Connection cable to IU008508 / IU008513, 3 x 0.75mm ² , length 3.0m, black		DV900300
TC-S 11W 840 G23, neutralwhite		LI5V010618
LED-enclosure lamp, magnet fixing, 100-240VAC, IP20		IU008523
Connection cable to IU008523, 2x1.5mm ² , length 2.0m, white		IU008524
Extension cable to IU008523, 2x1.5mm ² , length 1.0m, white		IU008525
Door switch		ASDSW010
Mera T8, 18W, ECG, IP20, opal, RAL9003, incl. Lamp		LI90000017

Document pockets



ASDRA400



ASDRB303

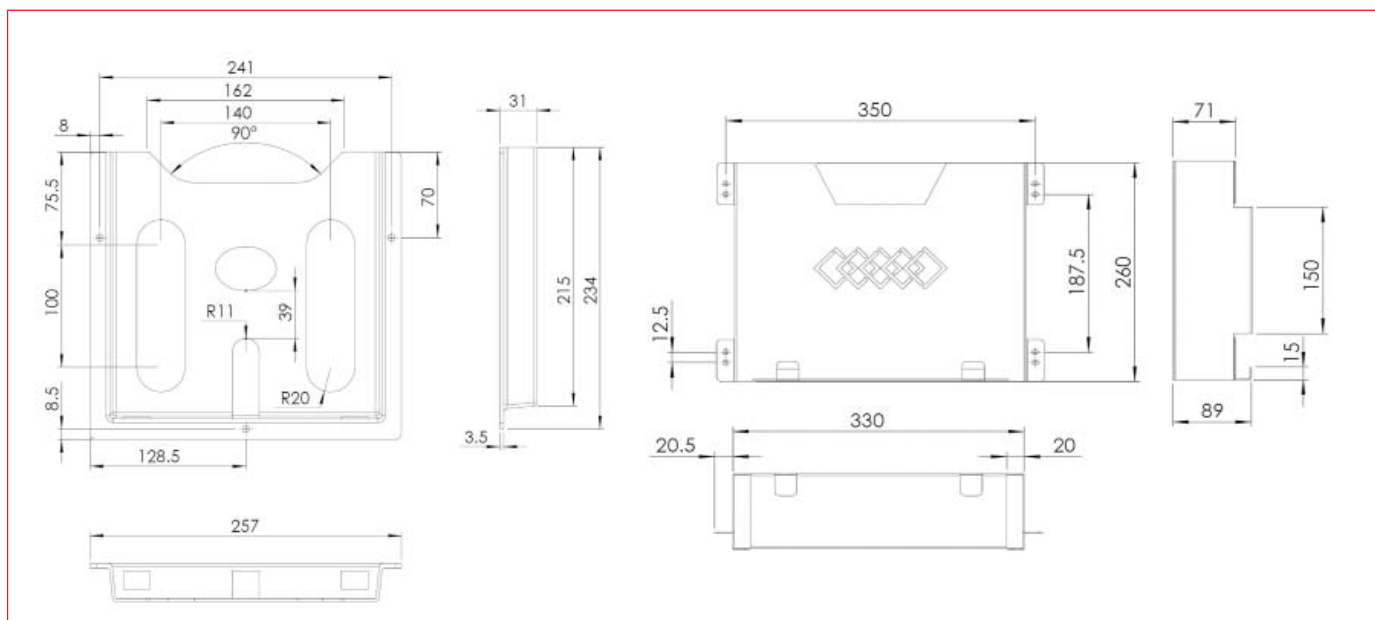


IL900373

Schrack-Info

- ASDRA400: self-adhesive, for DIN A4, usable depth: 30mm
Material: thermoplast, RAL7035, PU: 1 pc.
- ASDRB303-5: large document pocket made of sheet steel on the door mounting frame for AS and KS enclosures, usable depth: 68mm
Material: 1.35mm sheet steel textured powder coating, RAL7035 light grey, PU: 1 pc. incl. mounting accessories

Dimensions document pockets



DESCRIPTION	AVAILABLE	ORDER NO.
Document pocket, self adhesive, DIN A4		ASDRA400
Document pocket, magnetic, PVC DIN A4		IL900373
Document pocket, self adhesive, DIN A5		ASDRA500
Document pocket, universal, steel sheet RAL 7035		ASDRB303-5



Order no. blue: on stock, usually ready for delivery on the day of order!

Mounting rails



IL14035

Schrack-Info

- Various mounting rails from galvanised steel or aluminium can be used as carrier rails for devices or for fixing

DESCRIPTION	AVAILABLE	ORDER NO.
Mounting rails (LxWxH)		
C-rail without slots, steel, 2000x21x8.5mm		IK020003-A
DIN-rail slotted, 2000x35x7.5mm		BK14005
DIN-rail, sendzimir zincd, 3000x35x7.5mm		BK14004
DIN-rail high, 3000x35x15mm		IL14035
Aluminum clamping profile N157, 3000x35x15mm		IL900433
DIN-rail slotted, 1000x15x5mm		LAMZTS15

Nuts, bolts and screws



IL900049



IL900231-F

Schrack-Info

Various screws and slide nuts

DESCRIPTION	AVAILABLE	ORDER NO.
Sliding nut M4 (PU= 100 pcs.)		IL900229-F
Sliding nut M5 (PU= 100 pcs.)		IL900230-F
Sliding nut spring M6 (PU=1 pc.)		IL900388
Lens screws 4,2 x9,5mm (PU=1 pc.)		IL900049
Cage for sliding nut (PU=100 pcs.)		IL900231-F
Sealing screws (PU =10 pc.)		IL900029-F
Threaded plate M6 (PU= 100 pcs.)		IG714043

SIKAB - Safety terminal cover



BK90009X



BK900096



BK900097



BK900098

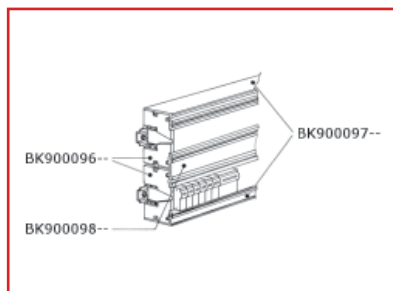


BK900099

Schrack-Info

- The safety terminal cover (SIKAB) allows to assemble covers in any desired length and width while using only three parts
- Material: PVC self-extinguishing
- Length: 1000mm
- Installation depth: 39, 47 and 54mm (can be varied by breaking off at the cover plate)
- White

Drawing SIKAB



DESCRIPTION	AVAILABLE	ORDER NO.
SIKAB end plate		BK900096
SIKAB angle profile 1000 mm		BK900097
SIKAB flat profile 1000 mm		BK900098
Marking strip 1000 mm		BK900099
Blank cover, 12MW, white		BK004101



Order no. blue: on stock, usually ready for delivery on the day of order!

▀ Cable glands metric polyamide



M270012



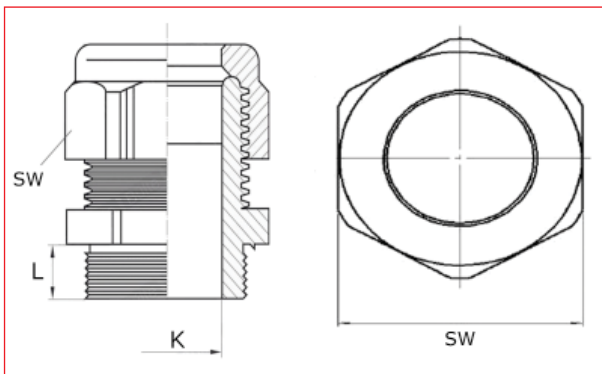
M2700032



▀ Schrack-Info

- Cable glands with vibration protection
- Lamella structure for optimum strain relief and protection of cables with large, variable clamping range
- Multi-turn trapezoid thread for secure and fast mounting
- Integrated sealing lip for water-proof connection with the enclosure, starting from size M32 delivered with O-ring
- Material: polyamide PA 6, V0 according to UL 94, UV stabilised
- Temperature range -30°C to +100°C
- Degree of protection: IP68 up to 5 bar, watertight
- RAL7035 light grey

▀ Drawing cable glands metric polyamide



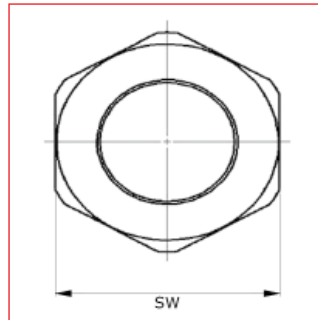
Article number	Thread	Unit	Clamping area [K]	Length of mounting thread [L]	Wrench size [WS]
M270012	M12	[mm]	3.0 - 6.5	8	SW 15
M270016	M16	[mm]	4.5 - 10.0	8	SW 19
M270020	M20	[mm]	6.0 - 12.0	9	SW 24
M270025	M25	[mm]	9.0 - 17.0	10	SW 30
M270032	M32	[mm]	11.0 - 21.0	10	SW 36
M270040	M40	[mm]	19.0 - 28.0	10	SW 46
M270050	M50	[mm]	27.0 - 35.0	12	SW 55
M270063	M63	[mm]	34.0 - 45.0	12	SW 66

DESCRIPTION	AVAILABLE	ORDER NO.
M12x1.5		M270012
M16x1.5		M270016
M20x1.5		M270020
M25x1.5		M270025
M32x1.5		M270032
M40x1.5		M270040
M50x1.5		M270050
M63x1.5		M270063

Counter nuts metric polyamide







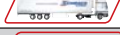



M2710XX



M2710XX

Schrack-Info

- Hexagonal counter nut for attaching cable glands, provided there is no screw-in thread
- For increased vibration resistance
- Material: impact-resistant polyamide PA-GF
- RAL7035 light grey

DESCRIPTION	AVAILABLE	ORDER NO.
M12x1.5		M271012
M16x1.5		M271016
M20x1.5		M271020
M25x1.5		M271025
M32x1.5		M271032
M40x1.5		M271040
M50x1.5		M271050
M63x1.5		M271063



Order no. blue: on stock, usually ready for delivery on the day of order!

Blind plugs and threaded blanking plugs metric polyamide



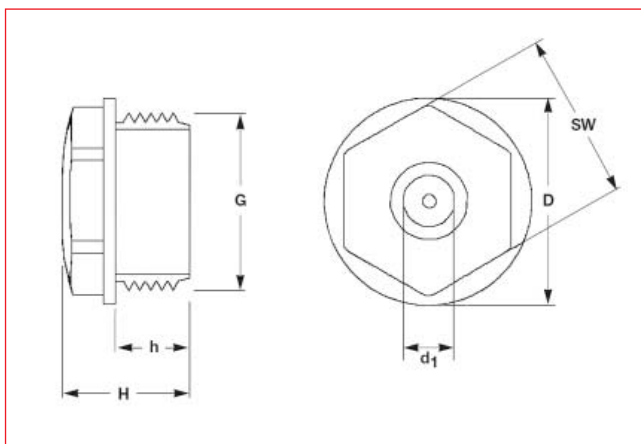
M273XXX



M273XXX

IP54

Drawing sealing grommet



Schrack-Info

- Blind plug: with slot for mounting with screwdriver, for secure fastening of unused male threads or through hole
Material: polystyrene PS
- Threaded blanking plug with hexagon head and piercing membrane including up to 2 predetermined breaking points for a later cable passage
Mounting thread metric, according to EN 60423
Material: low density polyethylene LD-PE
- Degree of protection: IP54
- RAL7035 light grey

Article number	Thread size [G]	Unit	Flange [D]	Sealing membrane [d1]*	Spanner size [WS]	Length of thread [h]	Height [H]
M273312	M12x1.5	[mm]	16	3.5	SW 12	10	17
M273316	M16x1.5	[mm]	20	4.5	SW 15	9.5	17
M273320	M20x1.5	[mm]	24	7	SW 19	12	20
M273325	M25x1.5	[mm]	29.5	8	SW 24	12	22
M273332	M32x1.5	[mm]	37.5	9	SW 30	14	25

* Sealing membrane

** Length of thread

DESCRIPTION	AVAILABLE	ORDER NO.
Metric blanking plug M12x1.5		M273012
Metric blanking plug M16x1.5		M273016
Metric blanking plug M20x1.5		M273020
Metric blanking plug M25x1.5		M273025
Metric blanking plug M32x1.5		M273032
Metric blanking plug M40x1.5		M273040
Metric blanking plug M50x1.5		M273050
Metric blanking plug M63x1.5		M273063
Sealing grommet M12, semi-blind		M273312
Sealing grommet M16, semi-blind		M273316
Sealing grommet M20, semi-blind		M273320
Sealing grommet M25, semi-blind		M273325
Sealing grommet M32, semi-blind		M273332

Blind plugs PG polyamide



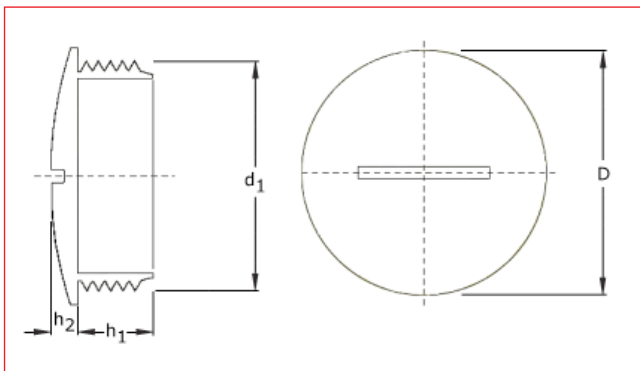
M273202

Schrack-Info



- Blind plug: with slot for mounting with screwdriver
- Material: polystyrol PS, silicon and halogen free
- Degree of protection: IP68 without flange gasket
- RAL7035 light grey

IP68

Drawing blind plugs PG polyamide



Article number	Type	Unit	Flange [D]	Height [H1]	Height [H2]
M273201	PG16	[mm]	27	6	3.5
M273202	PG21	[mm]	33	8	3
M273203	PG29	[mm]	44	8	4
M273204	PG36	[mm]	55	10	5

DESCRIPTION	AVAILABLE	ORDER NO.
PG 16		M273201
PG 21		M273202
PG 29		M273203
PG 36		M273204



Order no. blue: on stock, usually ready for delivery on the day of order!

▀ Cable glands PG polyamide



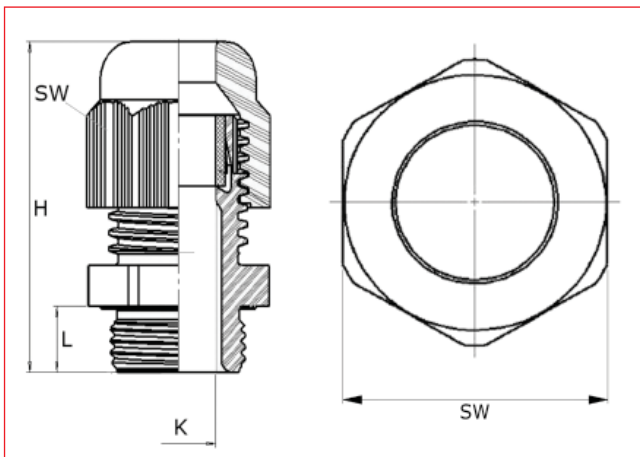
M272806A

▀ Schrack-Info

- Cable gland with integrated gasket and strain relief, O-ring made of neoprene
- Material: polyamide PA 6 V2, silicon and halogen free
- Temperature range -25°C to +100°C
- Degree of protection: IP68 without flange gasket
- RAL7035 light grey

IP68

▀ Drawing cable glands PG polyamide



Article number	Type	Unit	Clamping range [K]	Length of mounting thread [L]	Total height [H]	Spanner size [SW]
M272810--A	PG 7	[mm]	2.5 - 6.5	8	25	SW 15
M272809--A	PG 9	[mm]	2.5 - 8.0	8	29	SW 19
M272808--A	PG 11	[mm]	3.5 - 10.0	8	30	SW 22
M272800--A	PG 13.5	[mm]	5.0 - 12.0	9	32.5	SW 24
M272801--A	PG 16	[mm]	7.0 - 14.0	10	34	SW 27
M272803--A	PG 21	[mm]	9.0 - 18.0	11	35	SW 33
M272804--A	PG 29	[mm]	14.0 - 25.0	11	38	SW 42
M272805--A	PG 36	[mm]	18.0 - 32.0	13	42	SW 53
M272806--A	PG 42	[mm]	24.0 - 38.5	13	47	SW 60
M272807--A	PG 48	[mm]	35.0 - 48.0	14	54	SW 70

DESCRIPTION	AVAILABLE	ORDER NO.
PG 7		M272810--A
PG 9		M272809--A
PG 11		M272808--A
PG 13.5		M272800--A
PG 16		M272801--A
PG 21		M272803--A
PG 29		M272804--A
PG 36		M272805--A
PG 42		M272806--A
PG 48		M272807--A













Counter nuts for cable glands PG polyamide



M273103

Schrack-Info

- Hexagonal counter nut for attaching cable glands, provided there is no screw-in thread
- Silicon and halogen free
- Material: polyamide 6
- RAL7035 light grey

DESCRIPTION	AVAILABLE	ORDER NO.
PG 7		M273102
PG 9		M273103
PG 11		M273104
PG 13.5		M273105
PG 16		M273106
PG 21		M273107
PG 29		M273108
PG 36		M273109
PG 42		M273110
PG 48		M273111



■ Cable glands PG brass



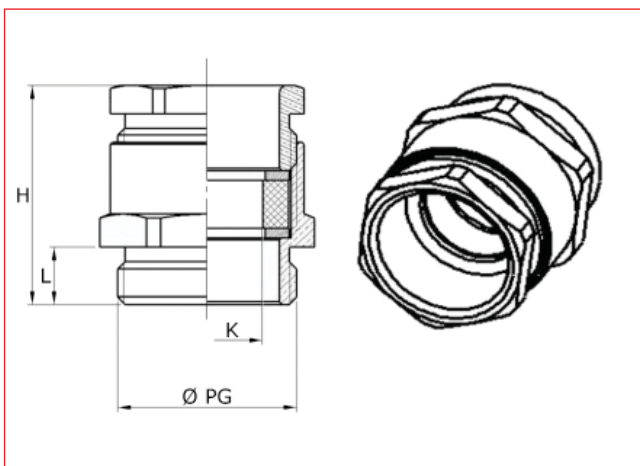
M272814

■ Schrack-Info

- Cable glands, O-ring made of natural rubber 55° shore, compression ring made of galvanised steel
- Temperature range: -40°C to +60°C according to DIN 46320
- Material: brass, nickel plated



■ Drawing cable glands PG brass



Article number	Type	Unit	Clamping range [K]	Length of mounting thread [L]	Total height [H]	Spanner size [SW]
M272811--A	PG 13.5	[mm]	5.0 - 12.0	6.5	26	SW 22
M272812--A	PG 16	[mm]	7.0 - 14.0	6.5	27	SW 24
M272813--A	PG 21	[mm]	9.0 - 17.0	7	30	SW 30
M272814--A	PG 29	[mm]	14.0 - 26.0	8	33	SW 40
M272815--A	PG 36	[mm]	18.0 - 33.0	9	40	SW 50

DESCRIPTION	AVAILABLE	ORDER NO.
PG 13.5		M272811
PG 16		M272812
PG 21		M272813
PG 29		M272814
PG 36		M272815

■ Counter nuts for cable glands PG brass



M273121

■ Schrack-Info

- Hexagonal counter nut for attaching cable glands
- Material: brass, nickel plated

DESCRIPTION	AVAILABLE	ORDER NO.
PG 13.5		M273121
PG 16		M273122
PG 21		M273123
PG 29		M273124
PG 36		M273125



„Greatness is to point the way.“

Friedrich Nietzsche



TYPE-TESTED MODUL 2000TT &

*„The wrapping is one thing,
what's inside the other.“*

Unbekannt




SYSTEMS & MODUL 4000TT



SCHRACK

MODUL 2000TT Overview

Modul 2000TT is a state-of-the-art control panel system tested according to IEC/EN 61439 for applications from 630 A to 1600 A. The incoming panels are tested and equipped with permanently installed size MC4 circuit breakers. The outgoing panels are tested with HRC in-line fuse switches, size 00 to 3.



VEIKI-VNL Electric Large Laboratories Ltd.
H-1158 Budapest, Vasgolyó u. 2-4.

PRELIMINARY REPORT
Tests on LV switchgear family MODUL 2000

Identification number of test in VEIKI-VNL Ltd.: NAL-15/2014


Details of the tested object:
 Designation: LV switchgear family MODUL 2000
 1 incoming panel and 4 outgoing panels
 Ratings: In=1600/1250A, Uie=400V, Ui=1000V, Uimp=6kV, 50Hz, Icw/Icc=50kA
 Manufacturer: Schrack Technik GmbH
 Date of the tests: 27 of June – 31 July 2014


Performed tests:

Tests	Reference Standard IEC 61439-1/-2	Test results
Lifting	CL 10.2.5	Passed
Creepage distances	CL 10.4	Passed
Power frequency voltage	CL 10.9.2	Passed
Impulse voltage	CL 10.9.3	Passed
Temperature rise	CL 10.10	1250A, IP54 Passed 1600A, IP31 Passed
Effective connection of protective circuit	CL 10.5.2	Passed
Short-circuit strength of protective circuit	CL 10.5.3	Passed
Short circuit withstand strength	CL 10.11	Passed




The detailed test results will be reported in the original test report.
All the test results were found to be satisfactory.

Budapest, 07 of August 2014


 Dr. László Varga
managing director


 Mr. Norbert Menyhért
head of HC department

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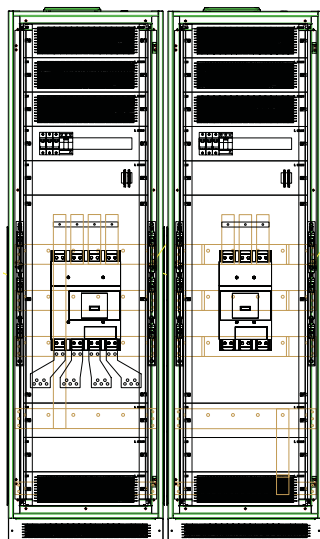
Page 1 of 1

SCHRACK-INFO

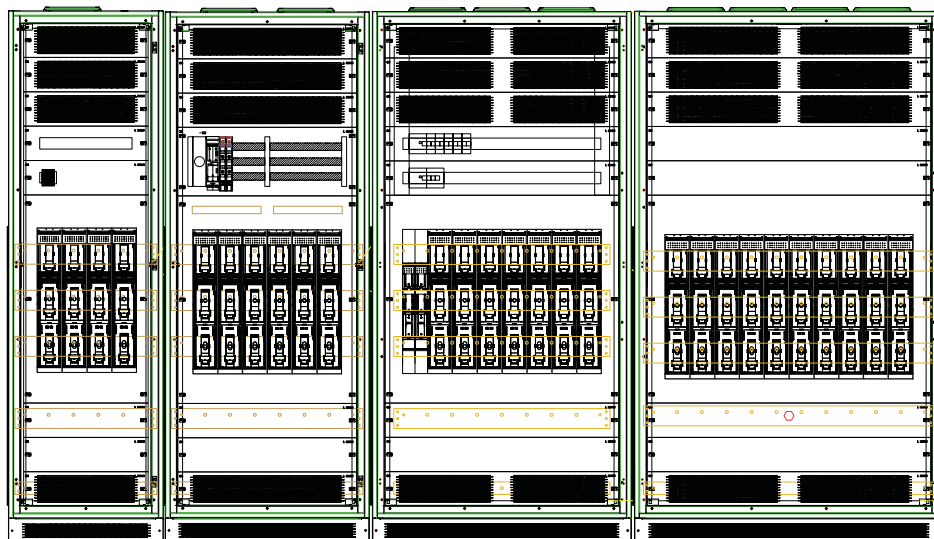
- Tested SYSTEM up to 1600A: 3 and 4-poles
- Type tested: IP31/ IP54 - 1600A / 1250A
- Max. rated current of the ASSEMBLY: Ina = 1600A / 1250A
- Max. rated voltage: Un = 3x230/400V, 50Hz
- Max. rated insulation voltage: Ui = 1000V
- Max. rated impulse withstand voltage: Uimp = 4kV
- Max. Rated conditional short-circuit current of an ASSEMBLY: Icw/Icc = 50kA
- Circuit breaker: MC4 630-1600A
- Main busbar: Cu 80x10mm
- Connection needs to be extended for 1600A
- Model with front plates
- Swing handle
- Cable entry from the top or the bottom
- RAL 7035

Possible Panels:

Incoming panel 3- or 4-poles



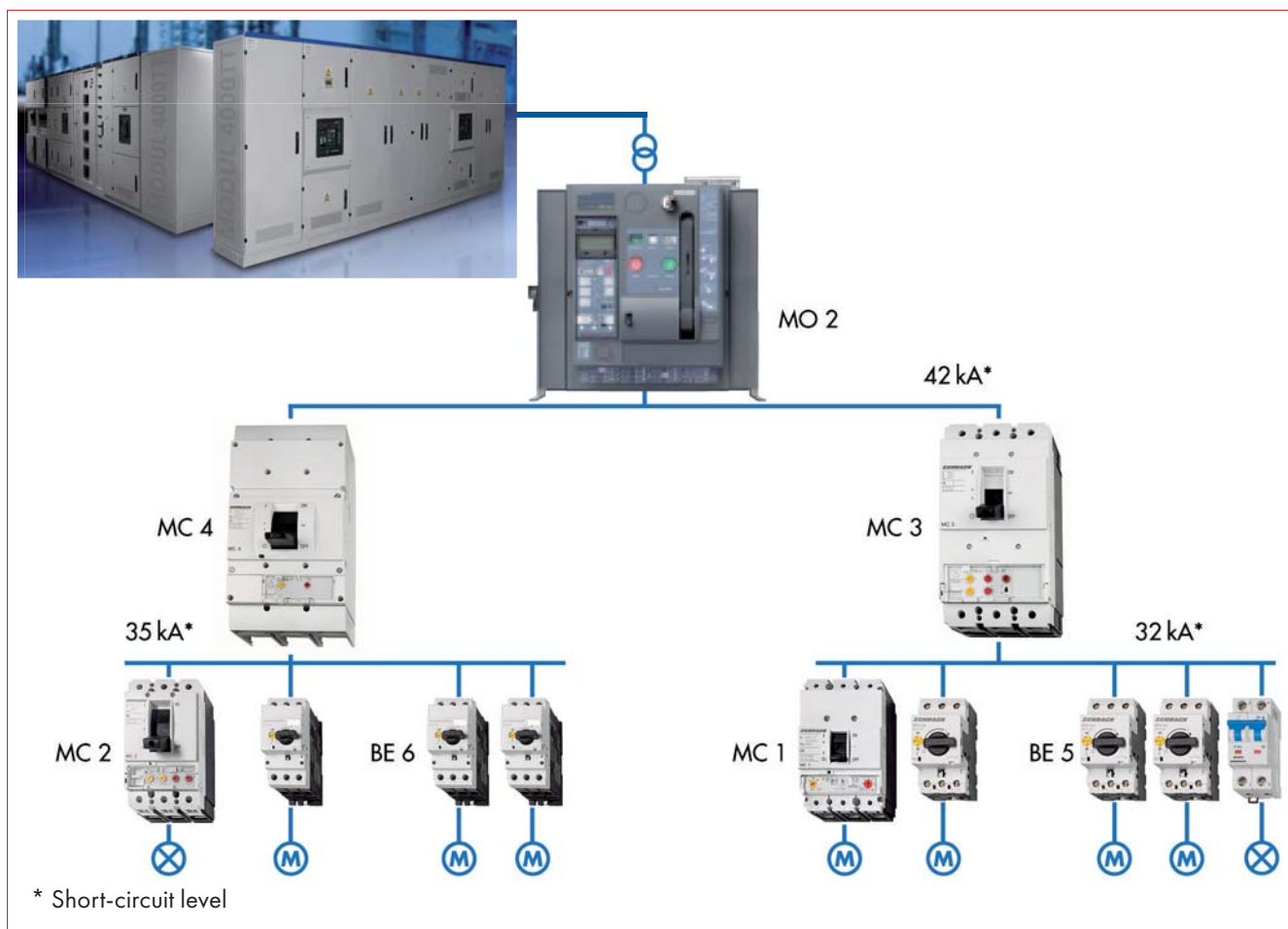
Outgoing panels





MODUL 400TT Overview

Our state-of-the-art power distribution for buildings, hospitals, enterprises, industrial installations... MODUL 400TT is a fully type-tested modular control cabinet for rated currents up to 5000 A, based on the excellent and comprehensive Schrack Technik product portfolio.



Special Features:

- IEC/EN 61439-1+2 type-tested modular power control cabinet for a maximum rated operational voltage up to 690V and a maximum rated short-term current carrying capacity up to 100 kA, RAL7035
- IP31 to IP55, form 1 to form 4, 3- and 4-poles, for all earthing systems: TN-C, TN-C-S, TN-S, IT
- Fixed modules or withdrawable circuit breakers, extendable with plug-in modules
- Earthquake-proof and arc-resistant designs available
- TTCALC software for simple configuration of parts lists and project plans

Selectivity:

The design allows a wide selectivity between open MO circuit breakers, MC compact circuit breaker and including the NH strip-type switch disconnectors SASIL or NH switch strips. Easy selection of the characteristic with CURVE-select helps during project planning.

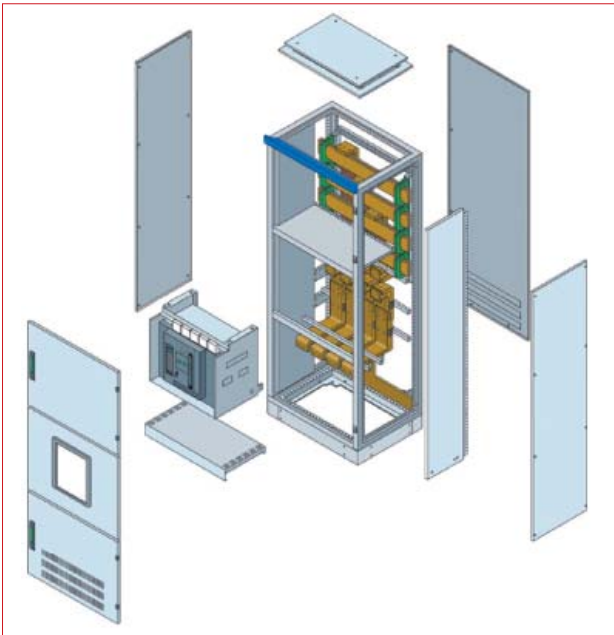
Optimum usage range up to 5000 A:

The state-of-the-art MO and MC circuit breaker integration allows the combination of all features with proven Schrack technology. All modules integrate perfectly with one another and can interact based on cutting-edge communication technology. They offer best possible protection between 0.16 and 5000 A. MC and MO are part of a generation of circuit breakers with a modular design, which makes them suitable for use in different power distribution applications. These low-cost circuit breakers offer great flexibility for use in mechanical engineering applications and can be installed in high-level system solutions as well. The MODUL 400TT system with MO and MC circuit breakers complies with international standards.

Communication allows new possibilities:

MC and MO circuit breaker allow new possibilities in the areas of power distribution and automation where special communication capability are needed. They permanently store all essential information and events and make them available where they are needed. They can also be integrated in modern BUS systems. This greatly increases system transparency, critical events are detected at an early stage and failures are minimised. Appropriate measures can then help to prevent down-times and it is possible to plan preventive maintenance activities.

Modul 4000TT – Philosophy



Using Schrack components to build a technically and economically advanced solution.

- The symmetric design minimises and optimises the number of components and busbars, which reduces installation time.
- The possible inside sectioning options up to form 4 offer higher protection for people and devices.
- The three different connection options make the system extremely flexible in use.
 - Direct cable connection
 - Cable connection with cable lug or V clamp
 - Busbar connection

Modul 4000TT Certificate of Conformity

Schrack certifies to the electrical panel builder that the construction of the switching panel complies with IEC/EN 61439

EU-KONFORMITÄTSERKLÄRUNG
EU-DECLARATION OF CONFORMITY

Name/Anschrift des Ausstellers:
Issuer's name and address:
Schrack Technik GmbH
Seybelgasse 13
A-1235 WIEN / Vienna
ÖSTERREICH / AUSTRIA

Produktbezeichnung:
Product:
Modulare Schaltgerätekombination für den Bau von Niederspannungsverteilungen nach SCHRACK-Montage- und Bauanweisungen bis In=5550A und Ue=690V
Modular low voltage and switchgear assemblies according to SCHRACK-mounting and installing instructions up to In=5550A and Ue=690V

Typenbezeichnung:
Type designation:
MODUL4000TT

Das bezeichnete Produkt erfüllt die Bestimmungen der Richtlinie:
The designated product is in conformity with the European Directive:
2014/35/EU - Niederspannungsrichtlinie / Low voltage directive
2014/30/EU - EMV-Richtlinie / EMC directive
2011/65/EU - RoHS-Richtlinie / RoHS directive

Die Übereinstimmung des bezeichneten Produktes mit den Anforderungen der Richtlinie wird durch die technische Dokumentation sowie die vollständige Einhaltung folgender Normen nachgewiesen:
The technical documentation and full compliance with the standards listed below proves the conformity of the product with the requirements of the above-mentioned EC Directive:
EN 61439-1:2011
EN 61439-2:2011

Bemessung: In - 5550 A, Ui - 1000V, Ue - 690V, Uimp - 12kV, Icw - 100kA-1,0s,
Ratings: 50kA-3,0s and Icc - 100kA at 415, 85 kA at 690V

Störlichtbogenfestigkeit nach: EN 61461
arc protection acc to: Rated voltage 440 Un, Icc 65, duration of test 0,3 sec

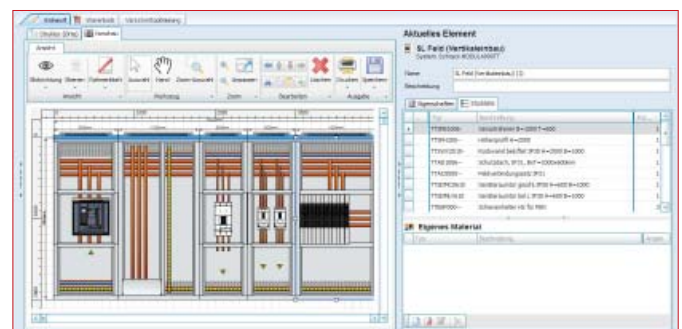
Josef Gattermayer
 Bereichsleiter/Produktmanagement & Einkauf
 Head of product management & purchasing

Rene Kellner
 Produktmanager
 Product manager

Wien / Vienna, Mai 2016

TTCALC

Project planning software for planning and designing Modul 4000TT enclosure switching panels, which generates parts lists, gives copper busbar lengths and delivers diagrams of several types.



FLOOR STANDING

*„The character of whole nations,
cultures and times speaks in the architecture
as the outer shell of their existence.“*

Jacob Christoph Burckhardt



NETWORK CABINETS 19"



■ Data Enclosures Freestanding IP30 DS



DS428080-A



DS428080-A



DS428080-A

■ Schrack-Info

19"-freestanding network enclosures. Mostly used in offices and similar environments. Used as central-enclosures or sub-enclosures for all smaller to bigger sized network cabling systems. The front-door and the removable side- and rear- panels allow comfortable and easy access to the installed devices from every side of the cabinet. Passive cooling of the installed devices by ventilation slots in roof and floor. Active cooling by use of the optional roof-Fan Units. Cable-entry is very flexible due to several prepared openings and the optional base.

The DS-enclosures are designed for universal use and fulfill most applications in generic, structured network cabling systems.

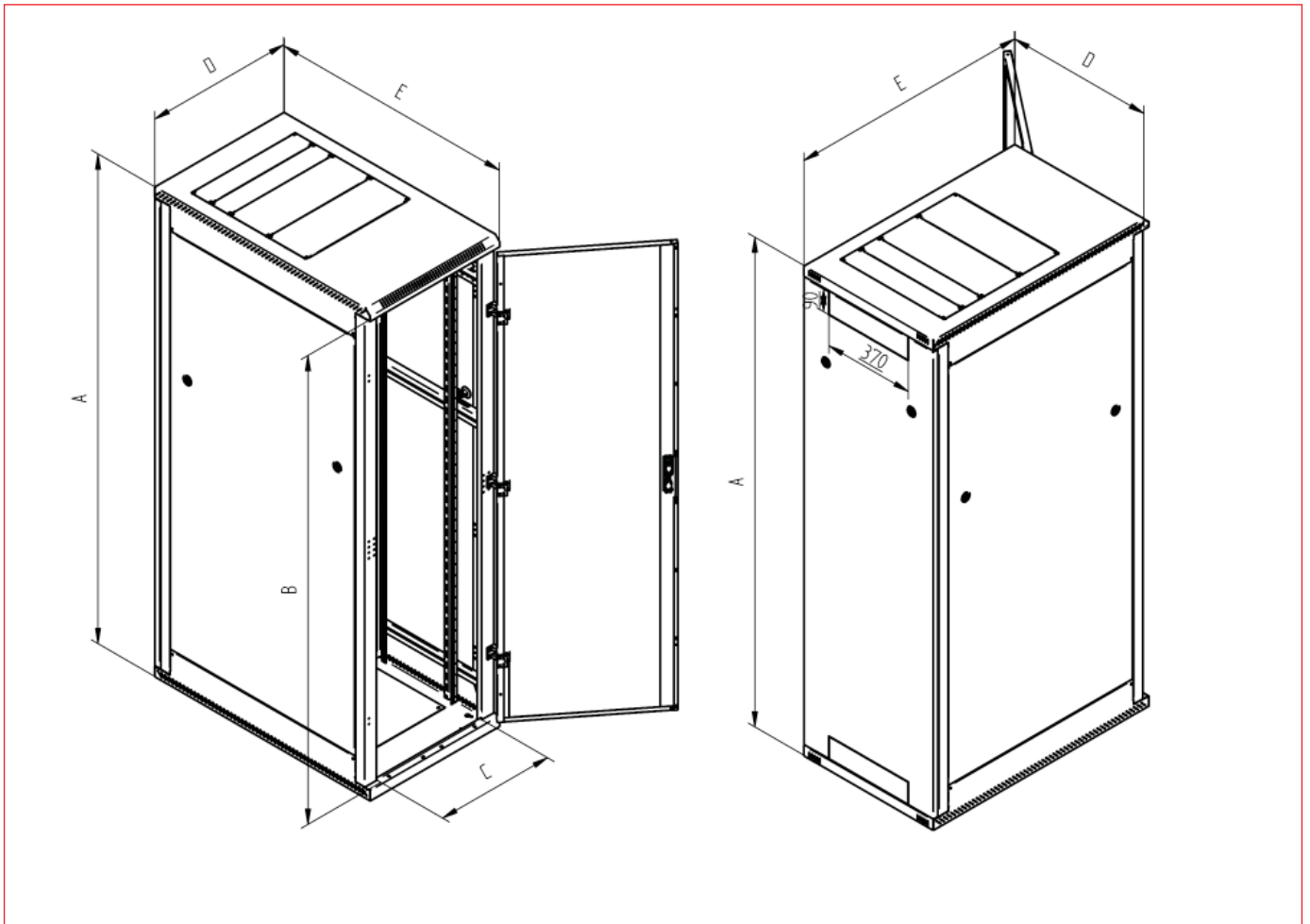
■ TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
- Door with 4 mm thick safety glass with handsome swing handle. Prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available.
- Door hinged right. Can be changed to hinging on left.
- Glass door can be replaced by optional DSRT doors (full metal or perforated, full width or double-wing).
- Removeable and lockable side-panels. Key included. For better passive cooling, side-panels can be replaced by optional available perforated side-panels DSRS.
- Removeable and lockable rear-panel. Key included. Rear panel can be replaced by optional available DSRT doors (glass, full or perforated metal, full width or double-wing) or by perforated rear-panel DSRR.
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DS enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 900, 1.000 and 1.200mm deep DS enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- An adapter-set (DFSZDS01) can be installed to the middle vertical rails, to support short accessories at the rear. Deep accessories can be supported in the middle.
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Ventilation slots in roof and floor for passive ventilation.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 16 x Cage nuts, screws and washers M6.
 - 4 x Levelling feet.
- Wide range of available accessories (bases, Fan Units, cable entry panels, fixed shelves, patchpanels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

▀ Data Enclosures Freestanding IP30 DS

IP30

▀ DIMENSIONS



Data Enclosures Freestanding 19''

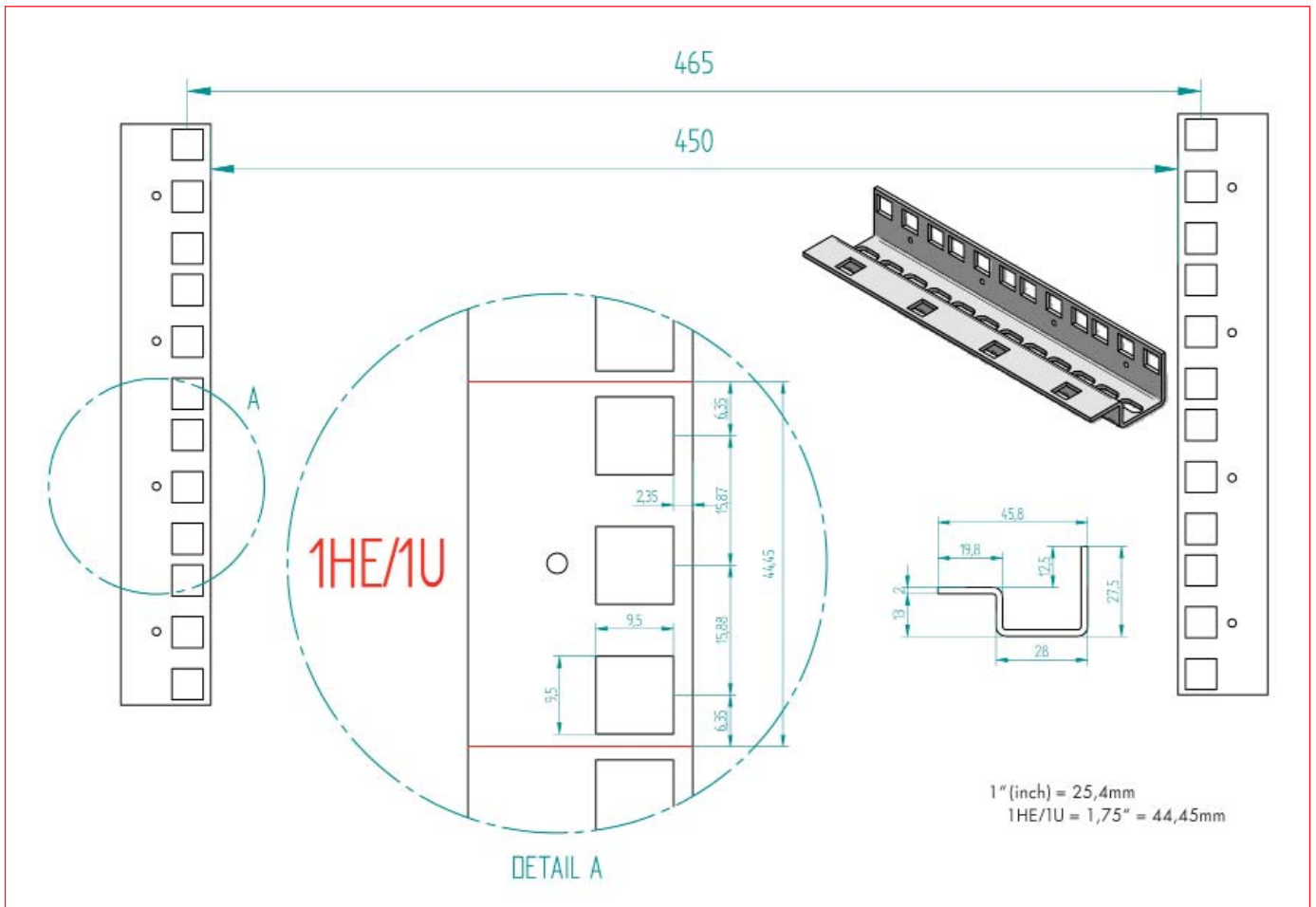
■ Data Enclosures Freestanding IP30 DS

	A	B	C	D	E	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
	[mm]	[mm]	[mm]	[mm]	[mm]											
DS426040-A	1970	1868	487	600	400	35	35	310	375	6U	1x4+1x2U	6U	1x6U	400	70	63
DS156060-A	770	668	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	300	40	34
DS186060-A	900	798	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	300	44	37
DS226060-A	1080	978	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	300	49	43
DS276060-A	1300	1198	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	58	51
DS326060-A	1525	1423	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	65	58
DS376060-A	1750	1648	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	72	65
DS426060-A	1970	1868	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	79	72
DS456060-A	2105	2003	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	83	76
DS476060-A	2194	2092	487	600	600	35	35	510	575	8U	1x4+2x2U	8U	1x8U	400	86	78
DS156080-A	770	668	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	300	46	39
DS186080-A	900	798	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	300	50	43
DS226080-A	1080	978	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	300	56	49
DS276080-A	1300	1198	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	66	59
DS326080-A	1525	1423	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	74	66
DS376080-A	1750	1648	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	82	74
DS426080-A	1970	1868	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	89	82
DS456080-A	2105	2003	487	600	800	35	35	710	775	10U	2x4+1x2U	10U	1x10U	400	94	86
DS426090-A	1970	1868	487	600	900	35	35	810	875	12U	2x4+2x2U	12U	1x12U	400	98	91
DS276010-A	1300	1198	487	600	1000	35	35	910	975	12U	2x4+2x2U	12U	1x12U	400	76	69
DS426010-A	1970	1868	487	600	1000	35	35	910	975	12U	2x4+2x2U	12U	1x12U	400	103	96
DS456010-A	2105	2003	487	600	1000	35	35	910	975	12U	2x4+2x2U	12U	1x12U	400	108	101
DS426020-A	1970	1868	487	600	1200	35	35	1110	1175	12U	2x4+2x2U	12U	1x12U	400	115	103
DS188060-A	900	798	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	300	55	45
DS228060-A	1080	978	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	300	61	51
DS278060-A	1300	1198	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	71	60
DS328060-A	1525	1423	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	78	68
DS378060-A	1750	1648	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	86	75
DS428060-A	1970	1868	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	94	83
DS458060-A	2105	2003	687	800	600	50	55	470	575	8U	1x4+2x2U	8U	1x8U	400	98	87
DS188080-A	900	798	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	300	63	53
DS228080-A	1080	978	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	300	70	59
DS278080-A	1300	1198	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	80	70
DS328080-A	1525	1423	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	89	78
DS378080-A	1750	1648	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	97	87
DS428080-A	1970	1868	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	105	95
DS458080-A	2105	2003	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	110	100
DS478080-A	2194	2092	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	114	103
DS428090-A	1970	1868	687	800	900	50	55	770	875	12U	2x4+2x2U	12U	1x12U	400	115	105
DS428010-A	1970	1868	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	121	110
DS458010-A	2105	2003	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	127	116
DS478010-A	2194	2092	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	131	120
DS428020-A	1970	1868	687	800	1200	50	55	1070	1175	12U	2x4+2x2U	12U	1x12U	400	136	122
DS42808X-A	1970	1868	687	800	800	50	55	670	775	10U	2x4+1x2U	10U	1x10U	400	97	87
DS42801X-A	1970	1868	687	800	1000	50	55	870	975	12U	2x4+2x2U	12U	1x12U	400	113	102

- 1) Spacing between the front vertical 19''-rails and the door glass at the maximal span / mm
- 2) Spacing between the rear vertical 19''-rails and the rear cover at the maximal span / mm
- 3) Maximal spacing of vertical 19''-rails at free-standing enclosures / mm
- 4) Maximal available depth for installed devices when placed on shelves / mm
- 5) Roof opening with 19''-punching
- 6) Roof cover
- 7) Floor opening with 19''-punching
- 8) Floor cover
- 9) Maximum load / kg at equal distribution.
- 10) Weight Brutto / kg
- 11) Weight Netto / kg

■ Data Enclosures Freestanding IP30 DS







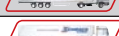


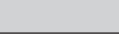






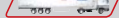
■ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Freestanding 600 x 400mm		
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 400mm, 19", 42U		DS426040-A
Data Enclosures Freestanding 600 x 600mm		
Network Enclosure Freestanding DS, W= 600 x H= 770 x D= 600mm, 19", 15U		DS156060-A
Network Enclosure Freestanding DS, W= 600 x H= 900 x D= 600mm, 19", 18U		DS186060-A
Network Enclosure Freestanding DS, W= 600 x H=1.080 x D= 600mm, 19", 22U		DS226060-A
Network Enclosure Freestanding DS, W= 600 x H=1.300 x D= 600mm, 19", 27U		DS276060-A
Network Enclosure Freestanding DS, W= 600 x H=1.525 x D= 600mm, 19", 32U		DS326060-A
Network Enclosure Freestanding DS, W= 600 x H=1.750 x D= 600mm, 19", 37U		DS376060-A
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 600mm, 19", 42U		DS426060-A
Network Enclosure Freestanding DS, W= 600 x H=2.105 x D= 600mm, 19", 45U		DS456060-A
Network Enclosure Freestanding DS, W= 600 x H=2.195 x D= 600mm, 19", 47U		DS476060-A
Data Enclosures Freestanding 600 x 800mm		
Network Enclosure Freestanding DS, W= 600 x H= 770 x D= 800mm, 19", 15U		DS156080-A
Network Enclosure Freestanding DS, W= 600 x H= 900 x D= 800mm, 19", 18U		DS186080-A
Network Enclosure Freestanding DS, W= 600 x H=1.080 x D= 800mm, 19", 22U		DS226080-A
Network Enclosure Freestanding DS, W= 600 x H=1.300 x D= 800mm, 19", 27U		DS276080-A
Network Enclosure Freestanding DS, W= 600 x H=1.525 x D= 800mm, 19", 32U		DS326080-A
Network Enclosure Freestanding DS, W= 600 x H=1.750 x D= 800mm, 19", 37U		DS376080-A
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 800mm, 19", 42U		DS426080-A
Network Enclosure Freestanding DS, W= 600 x H=2.105 x D= 800mm, 19", 45U		DS456080-A
Data Enclosures Freestanding 600 x 900mm		
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D= 900mm, 19", 42U		DS426090-A

Order no. blue: on stock, usually ready for delivery on the day of order!

Data Enclosures Freestanding IP30 DS

DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Freestanding 600 x 1000mm		
Network Enclosure Freestanding DS, W= 600 x H=1.300 x D=1.000mm, 19'', 27U		DS276010-A
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D=1.000mm, 19'', 42U		DS426010-A
Network Enclosure Freestanding DS, W= 600 x H=2.105 x D=1.000mm, 19'', 45U		DS456010-A
Data Enclosures Freestanding 600 x 1200mm		
Network Enclosure Freestanding DS, W= 600 x H=1.970 x D=1.200mm, 19'', 42U		DS426020-A
Data Enclosures Freestanding 800 x 600mm		
Network Enclosure Freestanding DS, W= 800 x H= 900 x D= 600mm, 19'', 18U		DS188060-A
Network Enclosure Freestanding DS, W= 800 x H=1.080 x D= 600mm, 19'', 22U		DS228060-A
Network Enclosure Freestanding DS, W= 800 x H=1.300 x D= 600mm, 19'', 27U		DS278060-A
Network Enclosure Freestanding DS, W= 800 x H=1.525 x D= 600mm, 19'', 32U		DS328060-A
Network Enclosure Freestanding DS, W= 800 x H=1.750 x D= 600mm, 19'', 37U		DS378060-A
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 600mm, 19'', 42U		DS428060-A
Network Enclosure Freestanding DS, W= 800 x H=2.105 x D= 600mm, 19'', 45U		DS458060-A
Data Enclosures Freestanding 800 x 800mm		
Network Enclosure Freestanding DS, W= 800 x H= 900 x D= 800mm, 19'', 18U		DS188080-A
Network Enclosure Freestanding DS, W= 800 x H=1.080 x D= 800mm, 19'', 22U		DS228080-A
Network Enclosure Freestanding DS, W= 800 x H=1.300 x D= 800mm, 19'', 27U		DS278080-A
Network Enclosure Freestanding DS, W= 800 x H=1.525 x D= 800mm, 19'', 32U		DS328080-A
Network Enclosure Freestanding DS, W= 800 x H=1.750 x D= 800mm, 19'', 37U		DS378080-A
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 800mm, 19'', 42U		DS428080-A
Network Enclosure Freestanding DS, W= 800 x H=2.105 x D= 800mm, 19'', 45U		DS458080-A
Network Enclosure Freestanding DS, W= 800 x H=2.195 x D= 800mm, 19'', 47U		DS478080-A
Data Enclosures Freestanding 800 x 900mm		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 900mm, 19'', 42U		DS428090-A
Data Enclosures Freestanding 800 x 1000mm		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.000mm, 19'', 42U		DS428010-A
Network Enclosure Freestanding DS, W= 800 x H=2.105 x D=1.000mm, 19'', 45U		DS458010-A
Network Enclosure Freestanding DS, W= 800 x H=2.195 x D=1.000mm, 19'', 47U		DS478010-A
Data Enclosures Freestanding 800 x 1200mm		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.200mm, 19'', 42U		DS428020-A
Data Enclosures Freestanding without Front-Door		
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D= 800mm, 19'', 42U, without door		DS42808X-A
Network Enclosure Freestanding DS, W= 800 x H=1.970 x D=1.000mm, 19'', 42U, without door		DS42801X-A



Accessories



DLT44806-A



DSOT1280



DSRT4285



DFS14845-C



IU070126



DV900336-A



DBK14805








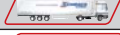



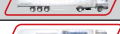







DV900333

DESCRIPTION	AVAILABLE	ORDER NO.
Roof Fan Units		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Roof Cable-Entry Panel		
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black		HDZA0002
Bases		
Base side-profile-pair, D=400, H=120 for DS/DSZ/DSP, RAL7035		DSOT1240
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=900, H=120 for DS/DSZ/DSP, RAL7035		DSOT1290
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base side-profile-pair, D=1200, H=120 for DS/DSZ/DSP, RAL7035		DSOT1220
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200
Castors		
Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load		DSR00005-A
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285




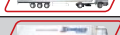

















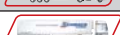



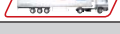








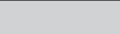

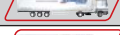

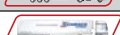






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Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4581
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4582
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4583
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4585
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4586
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4587
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4561
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4562
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4563
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4565
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4566
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4567
Perforated Panels (Replacement of standard Full-Metall Panel)		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035		DSRR4281
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035		DSRR4261
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035		DSRR4581
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035		DSRR4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035		DSRS4261
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035		DSRS4281
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035		DSRS4211
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035		DSRS4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035		DSRS4581
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035		DSRS4511
Swingframe		
Swingframe 19'', 37U for DS-/DSZ-enclosure 42U 800 wide		HDSSON0024
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035		DFS14895-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A







Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035		DFSS4895-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Half cylinder lock		
Half cylinder lock keyed EK 333 including 1 key		DV900333
Key 333 for half cylinder lock DV900333		DV900334
Half cylinder lock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Connection-Kit for joining together DS/DSZ- enclosures		DSRA0002
Spare Parts		
Swinghandle prepared for halfcylinder for DS/DSZ-enclosure		HDZS0010
Hinge for Network enclosure DS/DSZ/DW, left-right, max.15kg		HDZH1001

FLOOR STANDING NETWORK CABINETS 19" IP30 DSZ



„More matter with less art!“

William Shakespeare

■ Data Enclosures Freestanding demountable IP30 DSZ



DSZ428080



DSZ428080



DSZ428080

■ Schrack-Info

19"-freestanding network enclosures. Mostly used in offices and similar environments. Used as central-enclosures or sub-enclosures for all smaller to bigger sized network cabling systems. The front-door and the removable side- and rear- panels allow comfortable and easy access to the installed devices from every side of the cabinet. Passive cooling of the installed devices by ventilation slots in roof and floor. Active cooling by use of the optional roof-Fan Units. Cable-entry is very flexible due to several prepared openings and the optional base.

The DSZ-enclosures are delivered assembled but can be disassembled if needed (narrow door openings, narrow stairs, etc.) and easily re-assembled afterwards.

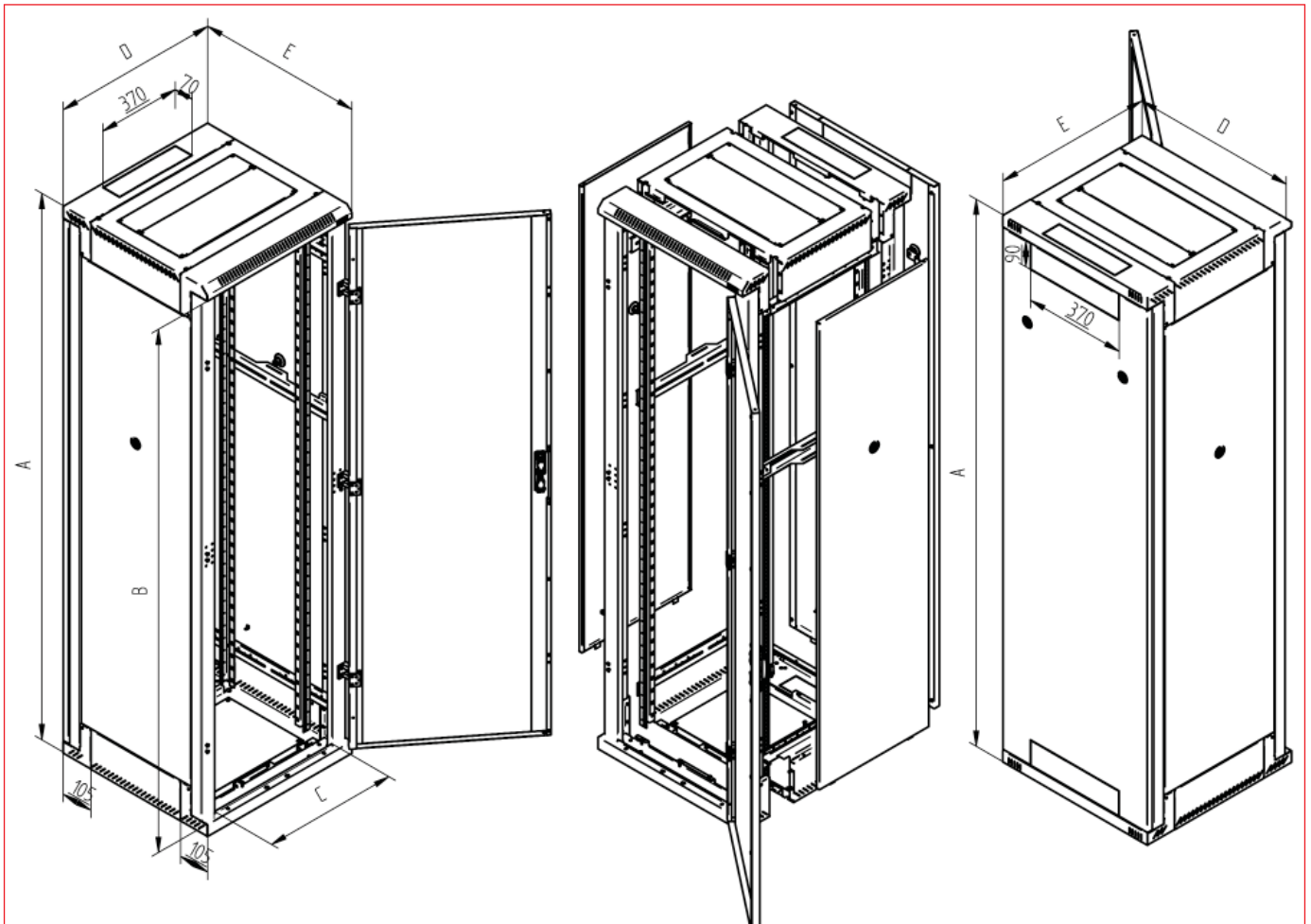
■ TECHNICAL DATA

- Screwed, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
- Door with 4 mm thick safety glass with handsome swing handle. Prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available.
- Door hinged right. Can be changed to hinging on left.
- Glass door can be replaced by optional DSRT doors (full metal or perforated, full width or double-wing).
- Removeable and lockable side-panels. Key included. For better passive cooling, side-panels can be replaced by optional available perforated side-panels DSRS.
- Removeable and lockable rear-panel. Key included. Rear panel can be replaced by optional available DSRT doors (glass, full or perforated metal, full width or double-wing) or by perforated rear-panel DSRR.
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DSZ enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 1.000 and 1.200mm deep DSZ enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- An adapter-set (DFSZDS01) can be installed to the middle vertical rails, to support short accessories at the rear. Deep accessories can be supported in the middle.
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Ventilation slots in roof and floor for passive ventilation.
- FastOn-Earthing-connections to all dismountable parts pre-installed.
- M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
- Included assembly materials: 24 x Cage nuts, screws and washers M6, 4x levelling feet.
- Wide range of available accessories (bases, Fan Units, cable entry panels, fixed shelves, patchpanels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

Data Enclosures Freestanding demountable IP30 DSZ

IP30

DIMENSIONS



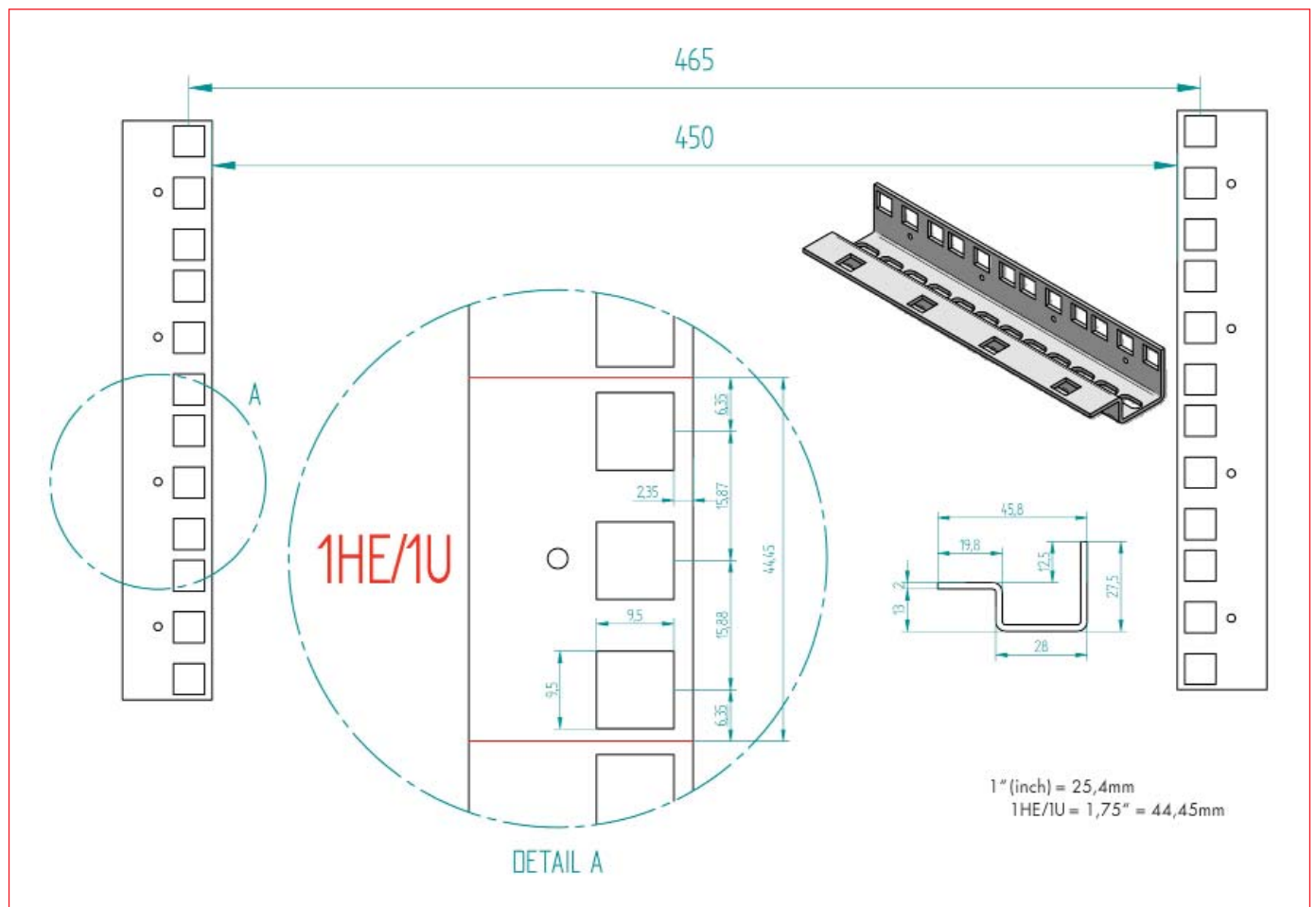
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)
DSZ426020	1970	1868	487	600	1200	400	43	45	1094	1175	12U	2x4+2x2U	12U	1x12U	115	103
DSZ428080	1970	1868	687	800	800	400	50	55	670	775	10U	2x4+1x2U	10U	1x10U	106	96
DSZ458080	2105	2003	687	800	800	400	50	55	670	775	10U	2x4+1x2U	10U	1x10U	111	101
DSZ428010	1970	1868	687	800	1000	400	50	55	870	975	12U	2x4+2x2U	12U	1x12U	122	111
DSZ458010	2105	2003	687	800	1000	400	50	55	870	975	12U	2x4+2x2U	12U	1x12U	128	117
DSZ428020	1970	1868	687	800	1000	400	50	55	1070	1175	12U	2x4+2x2U	12U	1x12U	137	122



- 1) Maximum load / kg at equal distribution
- 2) Spacing between the front vertical 19''-rails and the door glass at the maximal span / mm
- 3) Spacing between the rear vertical 19''-rails and the rear cover at the maximal span / mm
- 4) Maximal spacing of vertical 19''-rails at free-standing enclosures / mm
- 5) Maximal available depth for installed devices when placed on shelves / mm
- 6) Roof opening with 19''-punching
- 7) Roof cover
- 8) Floor opening with 19''-punching
- 9) Floor cover
- 10) Weight Brutto / kg
- 11) Weight Netto / kg

Data Enclosures Freestanding 19"

▀ Data Enclosures Freestanding demountable IP30 DSZ

▀ DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Freestanding demountable 600 x 1200mm		
Network Enclosure Freestanding DSZ, Demountable, W= 600 x H=1.970 x D=1.200mm, 19", 42U		DSZ426020
Data Enclosures Freestanding demountable 800 x 800mm		
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D= 800mm, 19", 42U		DSZ428080
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=2.105 x D= 800mm, 19", 45U		DSZ458080
Data Enclosures Freestanding demountable 800 x 1000mm		
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D=1.000mm, 19", 42U		DSZ428010
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=2.105 x D=1.000mm, 19", 45U		DSZ458010
Data Enclosures Freestanding demountable 800 x 1200mm		
Network Enclosure Freestanding DSZ, Demountable, W= 800 x H=1.970 x D=1.200mm, 19", 42U		DSZ428020

Accessories



DLT44806-A



DSOT1280



DSRT4285



DFS14845-C



IU070126



DV900336-A



DBK14805



DV900333

DESCRIPTION	AVAILABLE	ORDER NO.
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Roof Fan Units

Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A

Roof Cable-Entry Panel

Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black		HDZA0002

Bases

Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200

Castors

Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load		DSR00005-A
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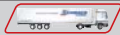













Doors (Replacement of standard Front Glass-Door or Rear-Panel)

Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262




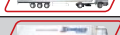





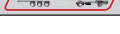









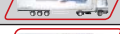

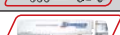



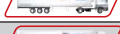
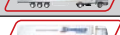


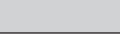








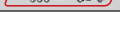




Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4581
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4582
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4583
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4585
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4586
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4587
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4561
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4562
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4563
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4565
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4566
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4567
Perforated Panels (Replacement of standard Full-Metall Panel)		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035		DSRR4281
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035		DSRR4261
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035		DSRR4581
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035		DSRR4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035		DSRS4261
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035		DSRS4281
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035		DSRS4211
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035		DSRS4561
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035		DSRS4581
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035		DSRS4511
Swingframe		
Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide		HDSSON0024
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035		DFS14895-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A

Accessories





DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035		DFSS4895-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Half cylinder lock		
Half cylinder lock keyed EK 333 including 1 key		DV900333



Order no. blue: on stock, usually ready for delivery on the day of order!

Data Enclosures Freestanding 19''

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Half cylinder lock		
Key 333 for half cylinder lock DV900333		DV900334
Half cylinder lock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Connection-Kit for joining together DS/DSZ- enclosures		DSRA0002



FLOOR STANDING SERVER CABINETS 19"



*„There is nothing more holy
than this noble frame.“*

Novalis

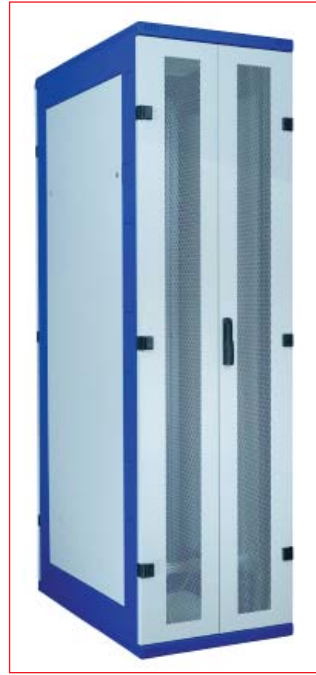
Server Enclosures IP30 DSS



DSS4280803



DSS4280803



DSS4280803

Schrack-Info

19"-freestanding server enclosures. Mostly used in data-centers, server-rooms and for applications where a high load for heavy devices (servers, UPSs, etc.) is needed. The front-and rear-doors and the removable side-panels allow comfortable and easy access to the installed devices from every side of the cabinet. Passive cooling of the installed devices by perforated doors. Active cooling by use of the optional roof-Fan Units. Cable-entry is very flexible due to several prepared openings and the optional base.

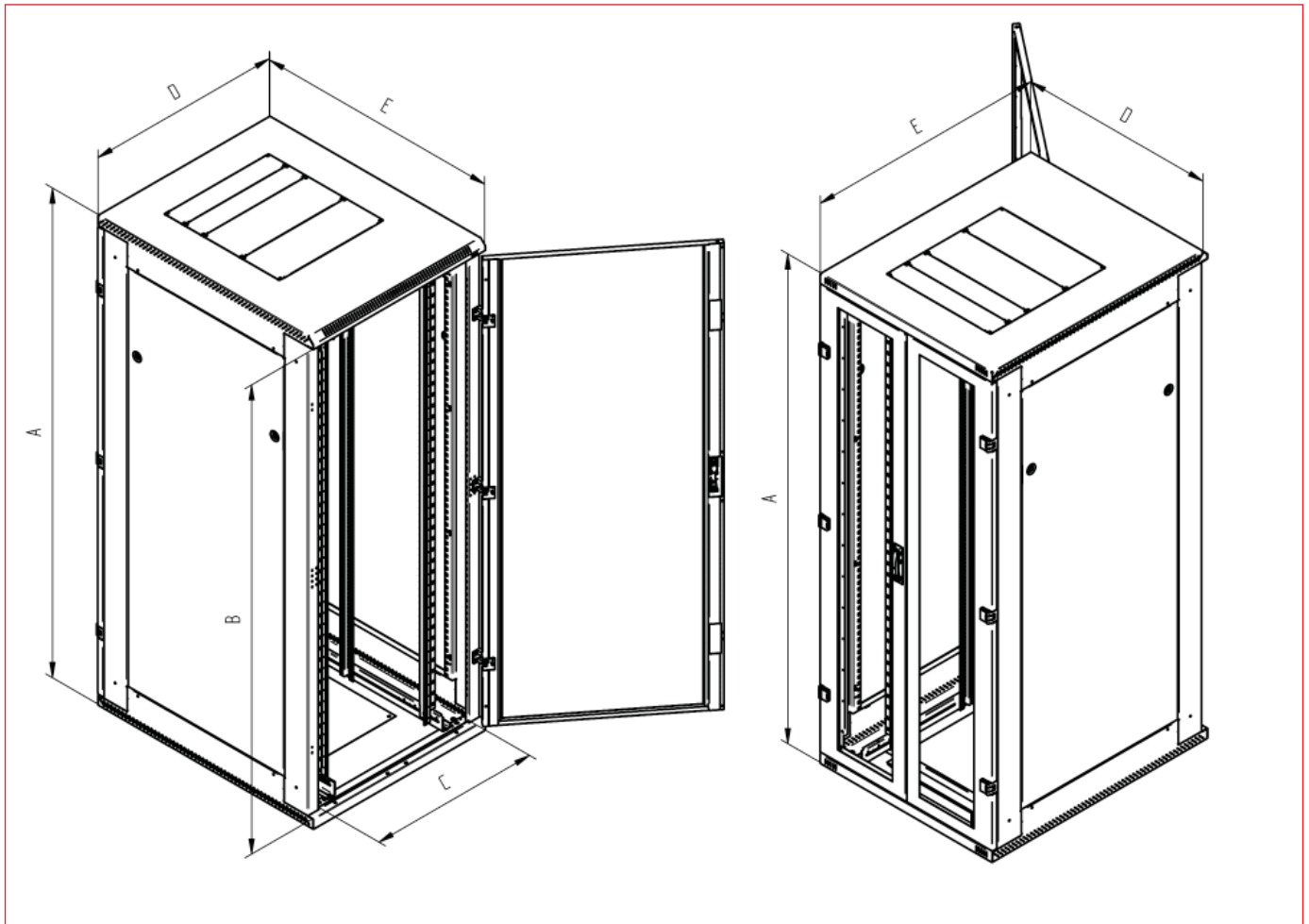
TECHNICAL DATA

- Welded, powder-coated sheet steel skeleton 2.0mm
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
- Datacenter-version designed for cold aisle housing available upon request.
- IP54-version for rough and dusty environments available upon request.
- Front-Door perforated (80% permeability) with handsome swing handle. Prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available.
- Front door hinged right. Can be changed to hinging on left.
- Rear double-wing door perforated (80% permeability) with handsome swing handle. Prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available.
- Removeable and lockable side-panels. Key included.
- Rear-Double Wing Door perforated (80% permeability) with handsome swing handle. Prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available.
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DSS enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 1.000 deep DSS enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- Roof unit assemblies can also be fitted to floor section. Optional base required.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Brush strip panel for roof (DBK24800) optional.
- Perforated doors and ventilation slots in roof and floor for passive ventilation.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 16 x Cage nuts, screws and washers M6.
 - 4 x Levelling feet.
- Wide range of available accessories (bases, Fan Units, cable entry panels, fixed shelves, patchpanels, cable management, PDUs, doors, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

Server Enclosures IP30 DSS

IP30

DIMENSIONS



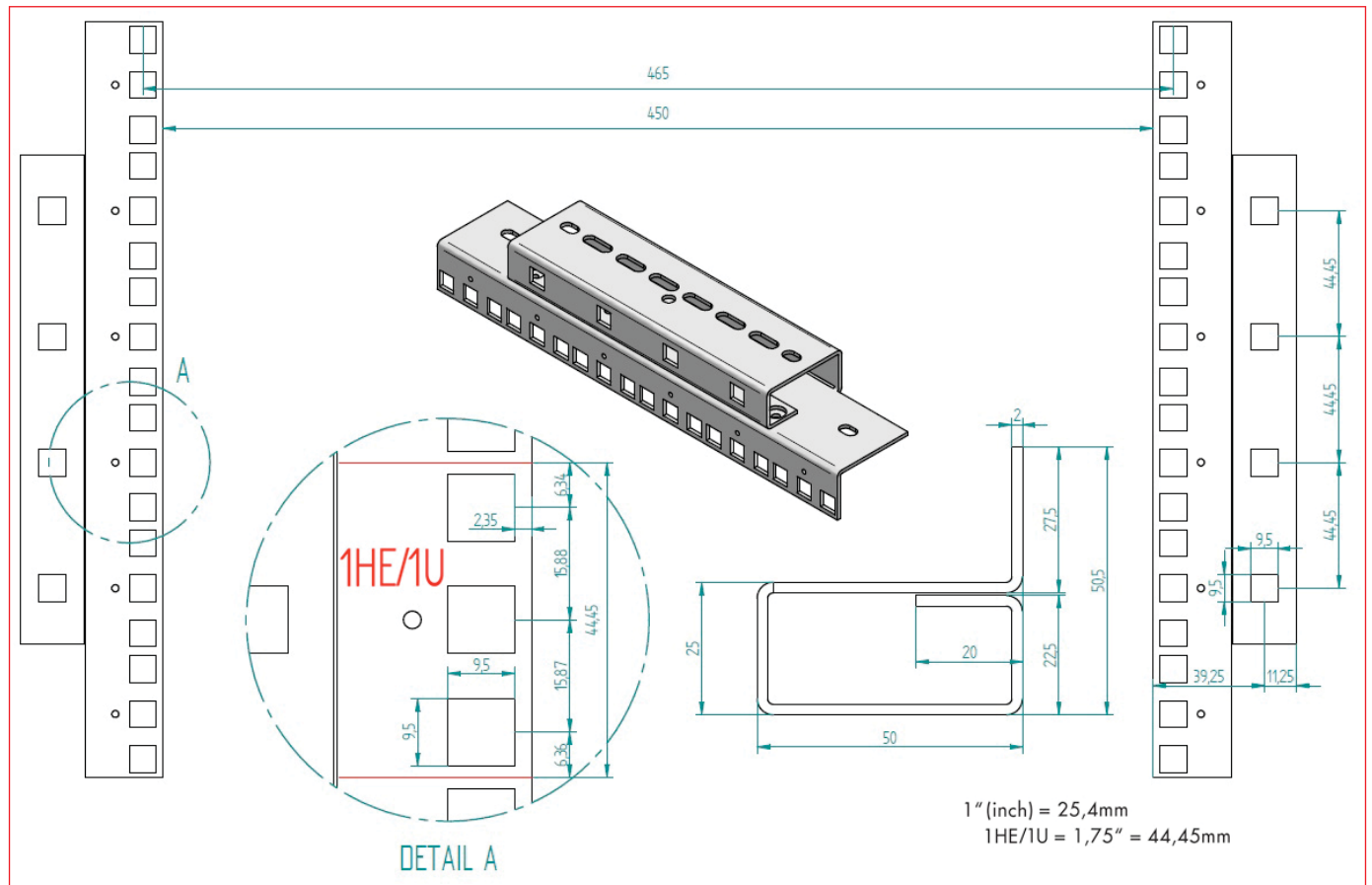
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)	11)	12)
DSS4260103	1970	1868	487	600	1000	1300	IP30	30	30	930	975	12U	2x4+2x2U	12U	1x12U	142	131
DSS4280803	1970	1868	687	800	800	1300	IP30	50	55	670	775	10U	2x4+1x2U	10U	1x10U	158	144
DSS4280103	1970	1868	687	800	1000	1300	IP30	50	55	870	975	12U	2x4+2x2U	12U	1x12U	139	129

- 1) Maximum load / kg at equal distribution
- 2) Degree of protection
- 3) Spacing between the front vertical 19''-rails and the door glass at the maximal span / mm
- 4) Spacing between the rear vertical 19''-rails and the rear cover at the maximal span / mm
- 5) Maximal spacing of vertical 19''-rails at free-standing enclosures / mm
- 6) Maximal available depth for installed devices when placed on shelves / mm
- 7) Roof opening with 19''-punching
- 8) Roof cover
- 9) Floor opening with 19''-punching
- 10) Floor cover
- 11) Weight Brutto / kg
- 12) Weight Netto / kg

Data Enclosures Freestanding 19"

Server Enclosures IP30 DSS

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Server Enclosures 600 x 1000mm		
Server Enclosure Freestanding DSS, W=600 x H=1.970 x D=1.000mm, 2x perforated doors, 1.500kg Load, 19", 42U		DSS4260103
Server Enclosures 800 x 800mm		
Server Enclosure Freestanding DSS, W=800 x H=1.970 x D= 800mm, 2x perforated doors, 1.500kg Load, 19", 42U		DSS4280803
Server Enclosures 800 x 1000mm		
Server Enclosure Freestanding DSS, W=800 x H=1.970 x D=1.000mm, 2x perforated doors, 1.500kg Load, 19", 42U		DSS4280103
Server Enclosure Freestanding DSS, W=800 x H=2.105 x D=1.000mm, 2x perforated doors, 1.500kg Load, 19", 45U		DSS4580103

Accessories



DLT44806-A



DSSOT1280



DSRT4287



DFS14845-C



IU070126



DV900336-A



DBK14805



DV900333

DESCRIPTION	AVAILABLE	ORDER NO.
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Roof Fan Units

Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A

Roof Cable-Entry Panel

Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
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Bases

Base side-profile-pair, D= 800mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035		DSSOT1280
Base side-profile-pair, D=1.000mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035		DSSOT1210
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200




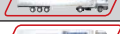











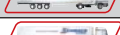

















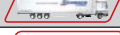









Doors (Replacement of standard Front Glass-Door or Rear-Panel)

Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286



















Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Doors (Replacement of standard Front Glass-Door or Rear-Panel)		
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805



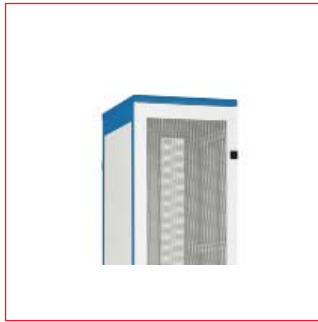
Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Half cylinder lock		
Half cylinder lock keyed EK 333 including 1 key		DV900333
Key 333 for half cylinder lock DV900333		DV900334
Half cylinder lock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050



Order no. blue: on stock, usually ready for delivery on the day of order!

Doors IP30 for Freestanding Enclosures DS, DSZ and DSS



DSRT4281



DSRT4282



DSRT4283



DSRT4285



DSRT4286



DSRT4287

Schrack-Info

These doors are for installation to IP30 freestanding enclosures SCHRACK DS, DSZ and DSS. Used as replacement of standard front-door or replacement of standard rear-panel (-door).







A rear-door allows more convenient and quick access to the back-side of installed devices in case of maintenance, repair or replacement.

TECHNICAL DATA

- Glassdoors for an open view to the installed components.
- Full Metal doors if devices inside the cabinet shall not be visible, e.g. in public areas.
- Perforated Metal doors for enhanced passive ventilation of the installed active devices.
- Double-wing doors are used in case of limited available space for door opening.
- Material:
 - Frame: Welded, powder-coated sheet steel
 - Glas: Safety tempered glass 4mm
 - Color: RAL 7035 (lightgrey)
 - Degree of protection: IP 30
- Handsome swing handle. Prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available.
- Permability of perforation: 80%.
- Installation:
 - Front: instead of standard front-door.
 - Rear: instead of standard fullmetal rear-panel (perforated double wing door in DSS).
- Hinges: 2 pcs. from 15U to 32U, 3 pcs. from 37 to 47U doors, opening angle: 170 degrees
- Hinging: Right. Quick and easy changing to hinging left.
- Delivery includes all materials needed for installation in front or rear.

IP30

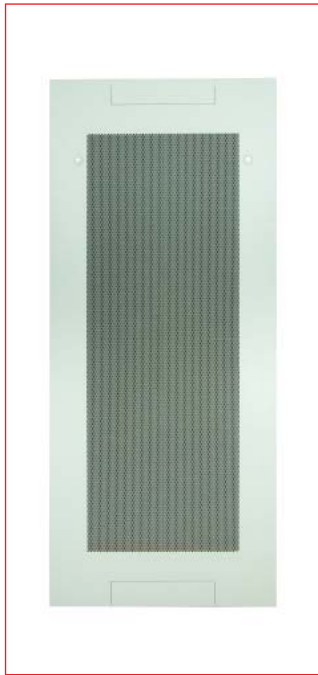
Doors IP30 for Freestanding Enclosures DS, DSZ and DSS

DESCRIPTION	AVAILABLE	ORDER NO.
Doors IP30 for Freestanding Enclosures 22U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 22U, W=600mm, RAL7035		DSRT2261
Doors IP30 for Freestanding Enclosures 22U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 22U, W=800mm, RAL7035		DSRT2281
Doors IP30 for Freestanding Enclosures 27U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 27U, W=600mm, RAL7035		DSRT2761
Doors IP30 for Freestanding Enclosures 27U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 27U, W=800mm, RAL7035		DSRT2781
Doors IP30 for Freestanding Enclosures 32U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 32U, W=600mm, RAL7035		DSRT3261
Doors IP30 for Freestanding Enclosures 32U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 32U, W=800mm, RAL7035		DSRT3281
Doors IP30 for Freestanding Enclosures 37U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 37U, W=600mm, RAL7035		DSRT3761
Doors IP30 for Freestanding Enclosures 37U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 37U, W=800mm, RAL7035		DSRT3781
Doors IP30 for Freestanding Enclosures 42U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4261
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4262
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4263
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4265
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4266
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=600mm, RAL7035		DSRT4267
Doors IP30 for Freestanding Enclosures 42U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4281
Full Metal-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4282
Glas-Door, full width, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4283
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4285
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4286
Glas-Door, Double Wing, for DS/DSZ/DSS, 42U, W=800mm, RAL7035		DSRT4287
Doors IP30 for Freestanding Enclosures 45U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4561
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4562
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4563
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4565
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4566
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=600mm, RAL7035		DSRT4567
Doors IP30 for Freestanding Enclosures 45U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4581
Full Metal-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4582
Glas-Door, full width, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4583
Perforated Metal-Door with 80% Permeability, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4585
Full Metal-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4586
Glas-Door, Double Wing, for DS/DSZ/DSS, 45U, W=800mm, RAL7035		DSRT4587
Doors IP30 for Freestanding Enclosures 47U, W=600mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 47U, W=600mm, RAL7035		DSRT4761
Doors IP30 for Freestanding Enclosures 47U, W=800mm		
Perforated Metal-Door with 80% Permeability, full width, for DS/DSZ/DSS, 47U, W=800mm, RAL7035		DSRT4781

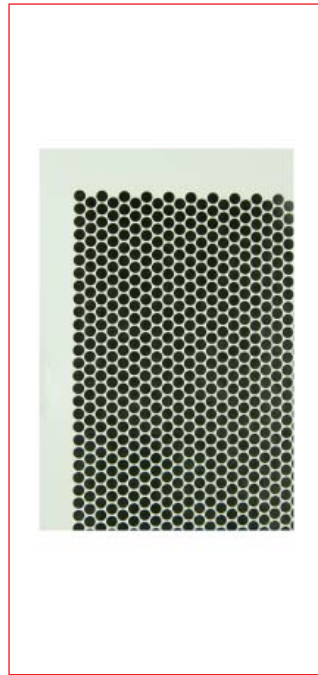


Order no. blue: on stock, usually ready for delivery on the day of order!

Perforated Panels IP30 for Data Enclosures DS and DSZ



DSRR4281



DSRR4281

Schrack-Info

These perforated panels are suitable for installation to IP30 freestanding network enclosures SCHRACK DS and DSZ. Used as replacement of standard side- or rear-panel.

The perforated panels increase the passive cooling and are used in air-conditioned rooms and data-centers.

TECHNICAL DATA

- Frame: Welded, powder-coated sheet steel
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Permability of perforation: 80%.

DESCRIPTION	AVAILABLE	ORDER NO.
Perforated Rearpanel for Freestanding Enclosures W=600mm		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=600mm, RAL7035		DSRR4261
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=600mm, RAL7035		DSRR4561
Perforated Rearpanel for Freestanding Enclosures W=800mm		
Rearpanel Metal perforated 80% permeability for DS/DSZ, 42U, W=800mm, RAL7035		DSRR4281
Rearpanel Metal perforated 80% permeability for DS/DSZ, 45U, W=800mm, RAL7035		DSRR4581
Perforated Sidepanel for Freestanding Enclosures D=600mm		
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 600mm, RAL7035		DSRS4261
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 600mm, RAL7035		DSRS4561
Perforated Sidepanel for Freestanding Enclosures D=800mm		
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D= 800mm, RAL7035		DSRS4281
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D= 800mm, RAL7035		DSRS4581
Perforated Sidepanel for Freestanding Enclosures D=1000mm		
Sidepanel Metal perforated 80% permeability for DS/DSZ, 42U, D=1.000mm, RAL7035		DSRS4211
Sidepanel Metal perforated 80% permeability for DS/DSZ, 45U, D=1.000mm, RAL7035		DSRS4511

■ Bases for Freestanding Enclosures DS, DSZ, DSP and DSS



DSOT1280



DSOT1280



DSOF1280



DSOF1281



DSOF1282



DSOF1283

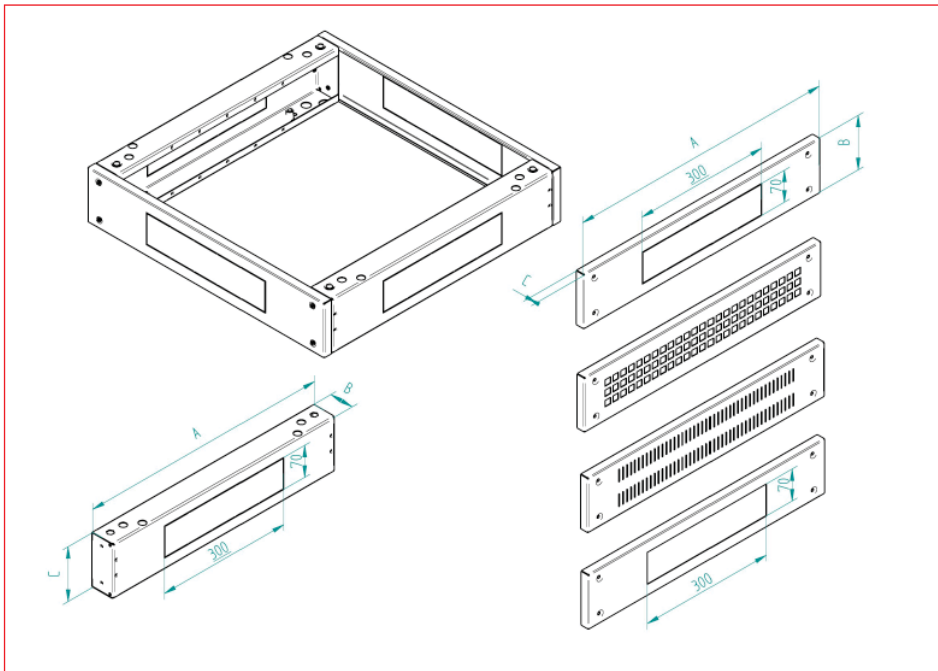


DSOS1200

■ Schrack-Info

Universal bases for freestanding enclosures are a modular system made up of pairs of side profiles for various depths (600, 800, 900, 1.000 and 1.200mm) and front/rear covers for various widths (600 and 800mm). The main part are the pairs of side profiles DSOT/DSSOT which carry enclosures with load up to 400/1.500kg. Cable entry from the side is possible by knocking out the break-out blank covers of the side profiles. The bases are completed by individually packed front/rear-covers. Four front/rear-covers are available and can be chosen: Standard blanking covers, perforated covers cable entry covers with brush and perforated covers with dust filter. All covers come supplied with assembly materials. The base is 120mm high. Color RAL 7035. The stabilizer set is screwed onto the base in the front and is used to prevent the enclosure from tipping over. Fits to all dimensions of bases.




■ DIMENSIONS



	A [mm]	B [mm]	C [mm]
DSOT1240	360	55	120
DSOT1260	560	55	120
DSOT1280	760	55	120
DSOT1290	860	55	120
DSOT1210	960	55	120
DSOT1220	1160	55	120
DSSOT1280	760	55	120
DSSOT1210	960	55	120
DSOF1260	600	120	20
DSOF1261	600	120	20
DSOF1262	600	120	20
DSOF1263	600	120	20
DSOF1280	800	120	20
DSOF1281	800	120	20
DSOF1282	800	120	20
DSOF1283	800	120	20

Data Enclosures Freestanding 19''

▀ Bases for Freestanding Enclosures DS, DSZ, DSP and DSS

DESCRIPTION	AVAILABLE	ORDER NO.
Base, Pairs of side profiles for Data Enclosures DS, DSZ and DSP		
Base side-profile-pair, D=400, H=120 for DS/DSZ/DSP, RAL7035		DSOT1240
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=900, H=120 for DS/DSZ/DSP, RAL7035		DSOT1290
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base side-profile-pair, D=1200, H=120 for DS/DSZ/DSP, RAL7035		DSOT1220
Base, Pairs of side profiles for Server Enclosures DSS		
Base side-profile-pair, D= 800mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035		DSSOT1280
Base side-profile-pair, D=1.000mm, H=120mm, for DSS, Max. Load = 1.500kg, RAL7035		DSSOT1210
Base, Front-/Rear-panels for Freestanding Enclosures DS, DSZ, DSP and DSS, W=600mm		
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base, Front-/Rear-panels for Freestanding Enclosures DS, DSZ, DSP and DSS, W=800mm		
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover perforated, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1281
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283
Stabilizer-Set for Data Enclosures DS, DSZ and DSP		
Stabilizer for mounting to base of DS/DSZ/DSI-enclosure, RAL7035		DSOS1200



Roof Fan Units



DLT4480XXX



DLT44801-A



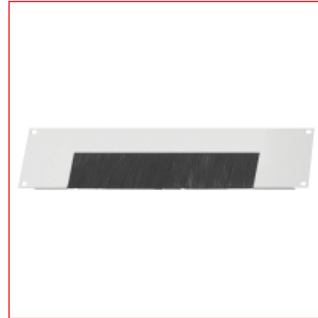
DLT44802-A



DLT44803-A



DLT44806-A



DBK24800



HDLTZ001



HDLTFI01

Schrack-Info

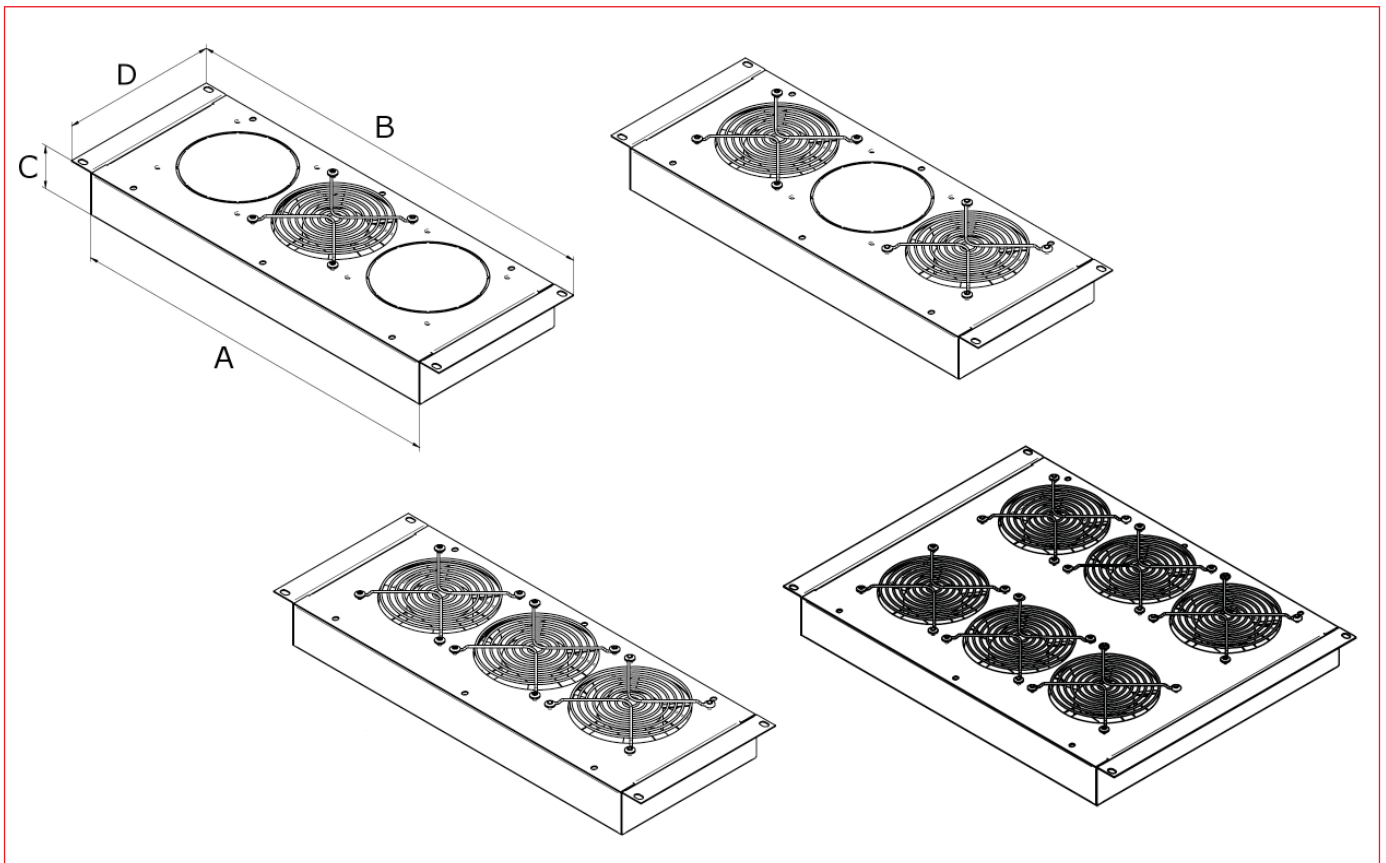
- The modular roof structure of SCHRACK freestanding enclosures IP30 has several cover plates. Thus only cover plates of the specific section, where a Fan Unit is installed, have to be removed. The roof remains covered after a Fan Unit is installed.
- Cover plates which are replaced can be reused in the enclosure thanks to the 19" format.
- Several Fan Units can be installed to give better ventilation performance. With 600mm deep enclosures, up to 2 Fan Units can be installed (i.e. a maximum of 6 fans per enclosure). Up to 3 Fan Units (i.e. a maximum of 9 fans per enclosure) can be installed at enclosures 800, 900, 1.000 and 1.200mm deep.
- To bring bigger quantity of cables into Schrack enclosures, it is possible to install 2x DBK24800 in opposite directions.

TECHNICAL DATA






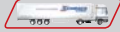

- Powder-coated sheet steel RAL7035
- Cable-entry-panel and roof-Fan Unit in any combination possible (also multiple use).
- Maximum heat dissipation by sucking out air to the outside.
- On/Off-switch included.
- Thermostat: Setting range +5 to +55° C included.
- Fan: 220-240VAC, 50/60Hz, 160m³/h
- Included assembly materials: 4 x Cage nuts, screws and washers M6.

Roof Fan Units

DIMENSIONS



	Fans	A [mm]	B [mm]	C [mm]	D [mm]
DLT44801-A	1	435	483	50	4U
DLT44802-A	2	435	483	50	4U
DLT44803-A	3	435	483	50	4U
DLT44806-A	6	435	483	50	8U

DESCRIPTION	AVAILABLE	ORDER NO.
Roof Fan Unit		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof Fan Units		
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Roof Cable-Entry Panel		
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Spare Parts		
Fan 220-240VAC, 50/60Hz, 160m3/h, 120x120mm		HDLTZ001
Dustfilter with grille 120x120mm for one fan		HDLTFI01

19" Swingframe for Data Enclosures DS and DSZ



HDSSON0024

Schrack-Info

- This swingframe HDSSON0024 can be installed into all freestanding network enclosures DS- and DSZ 42U, width = 800mm.
- Height-units for installing devices: 37U
- Hinging left or right possible
- Maximum load: 100kg

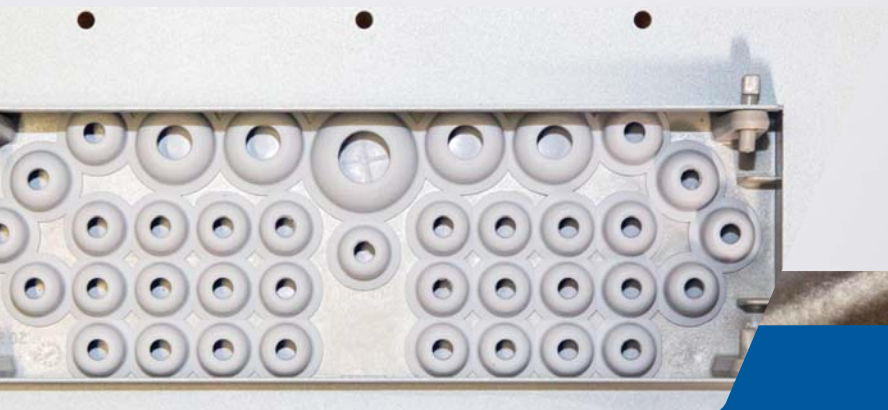
DESCRIPTION	AVAILABLE	ORDER NO.
Swingframe 19", 37U for DS-/DSZ-enclosure 42U 800 wide		HDSSON0024



FLOOR STANDING

„In the pure realm of art an object shall be illuminated by a single ray of light, emitted from a single point.“

Joseph Joubert



NETWORK ENCLOSURES IP54



■ Data Enclosures Freestanding IP54 DSI



DSI428080

■ Schrack-Info

19"-freestanding network enclosures with high protection IP54. Special protected construction for rough, dusty environments. Frequently used, if installed equipment is worth to be especially protected and/or equipment needs special protection due to environmental conditions (dust, humidity), e.g. if installed in basement, attic, production sites, warehouses, etc.. The front-door and the removable side- and rear-panels allow comfortable and easy access to the installed devices from every side of the cabinet. As an option, it is possible to install a cooling unit on the roof. In that case an installation-kit is needed.

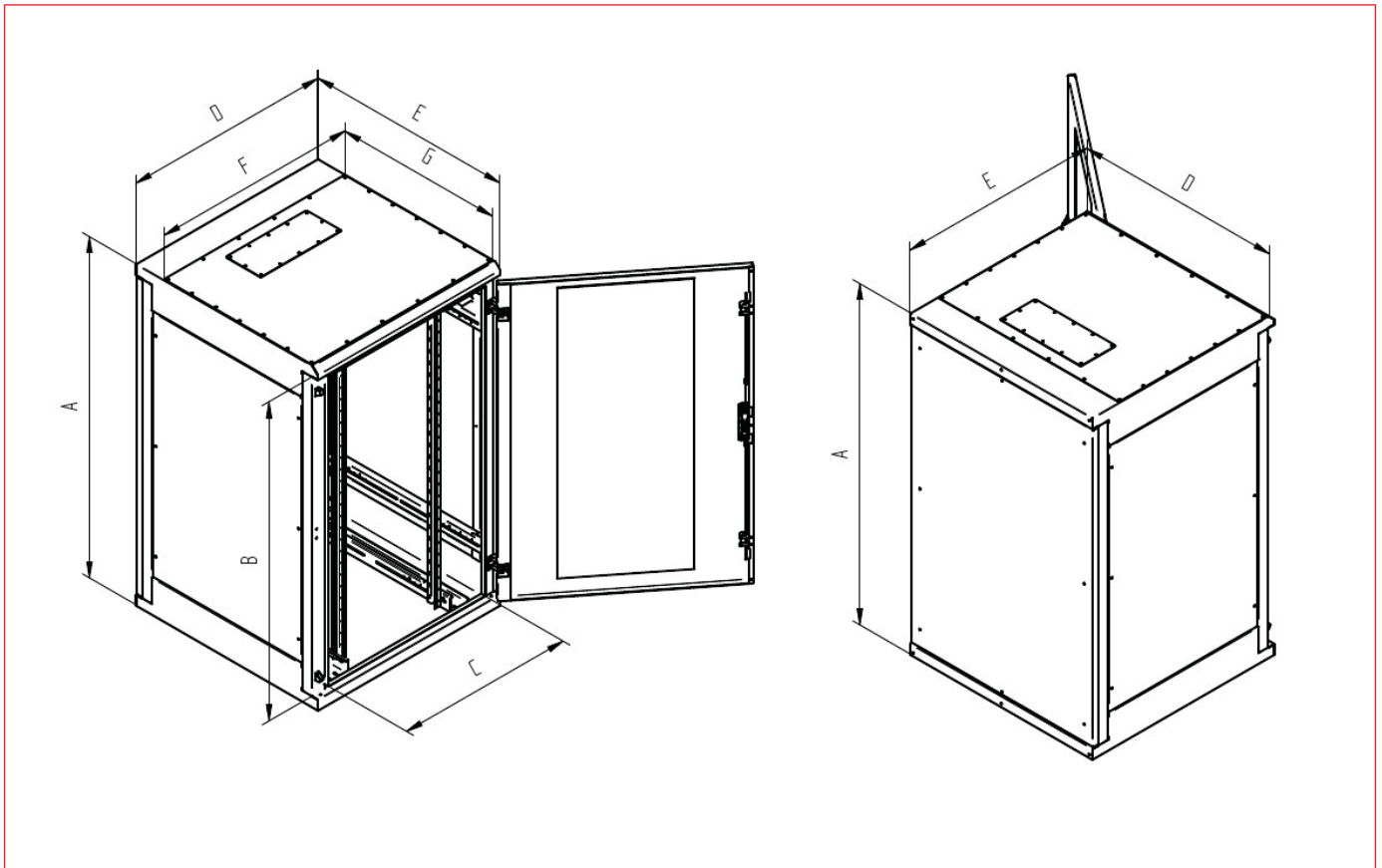
■ TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 54
 - All doors, rear- and sidepanels, roof- and floor-openings are sealed, which ensures protection against dust and humidity.
 - Enclosure is without perforation for ventilation.
- Cooling:
 - Passive cooling by sharing heat with environment via chassis.
 - Active cooling by optional roof cooling-units (upon request). An installationkit with deflector (available upon request) is needed for installation.
- Rear- and sidepanels: Fixed to frame by screws. Demountable.
- Cable Entry: 300x100mm in floor and roof. Covered by a sealed and screwed blanking panel. One blanking panel with cable-entry options is included in mounting set of each DSI. Method of cable leading inside the enclosure must correspond to requested IP protection level against dust and humidity.
- Roof prepared for installation of optional cooling units by use of an installation-kit. When delivered, opening is closed by a screwed and sealed cover.
- Earthing:
 - M8-Earthing point plus 19"-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Front-Glasdoor with 4mm safety glass, RAL7035. Three-point-locking with swinghandle and halfcylinder. Halfcylinder can be changed. Door can be opened 180°. Hinged right. Door cannot be changed to left hinging.
- Available upon request:
 - Enclosure with Frontdoor Glass, hinged left.
 - Enclosure with Frontdoor Fullmetall, hinged right or left.
 - Enclosure with Reardoor Glass, hinged right or left.
 - Enclosure with Reardoor Fullmetall, hinged right or left.
 - Server enclosure with max. load = 1.500kg
- 19" vertical rails (4 pieces): Galvanized, continuously depth-adjustable.
- In 800mm wide DSI enclosures, you can choose to adjust the 19" vertical rails to a width of 21" or 23".
- In 1.000 deep DSI enclosures, there is an additional pair of vertical rails installed in half depth. This allows installation of high depth accessories together with standard accessories at the same time.
- An adapter-set (DFSZDS01) can be installed to the middle vertical rails, to support short accessories at the rear. Deep accessories can be supported in the middle.
- Included assembly materials:
 - 16 x Cage nuts, screws and washers M6.
 - 4 x Levelling feet.
- Wide range of available accessories (bases, Fan Units, fixed shelves, patchpanels, cable management, PDUs, light-units, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

Data Enclosures Freestanding IP54 DSI

IP54

DIMENSIONS



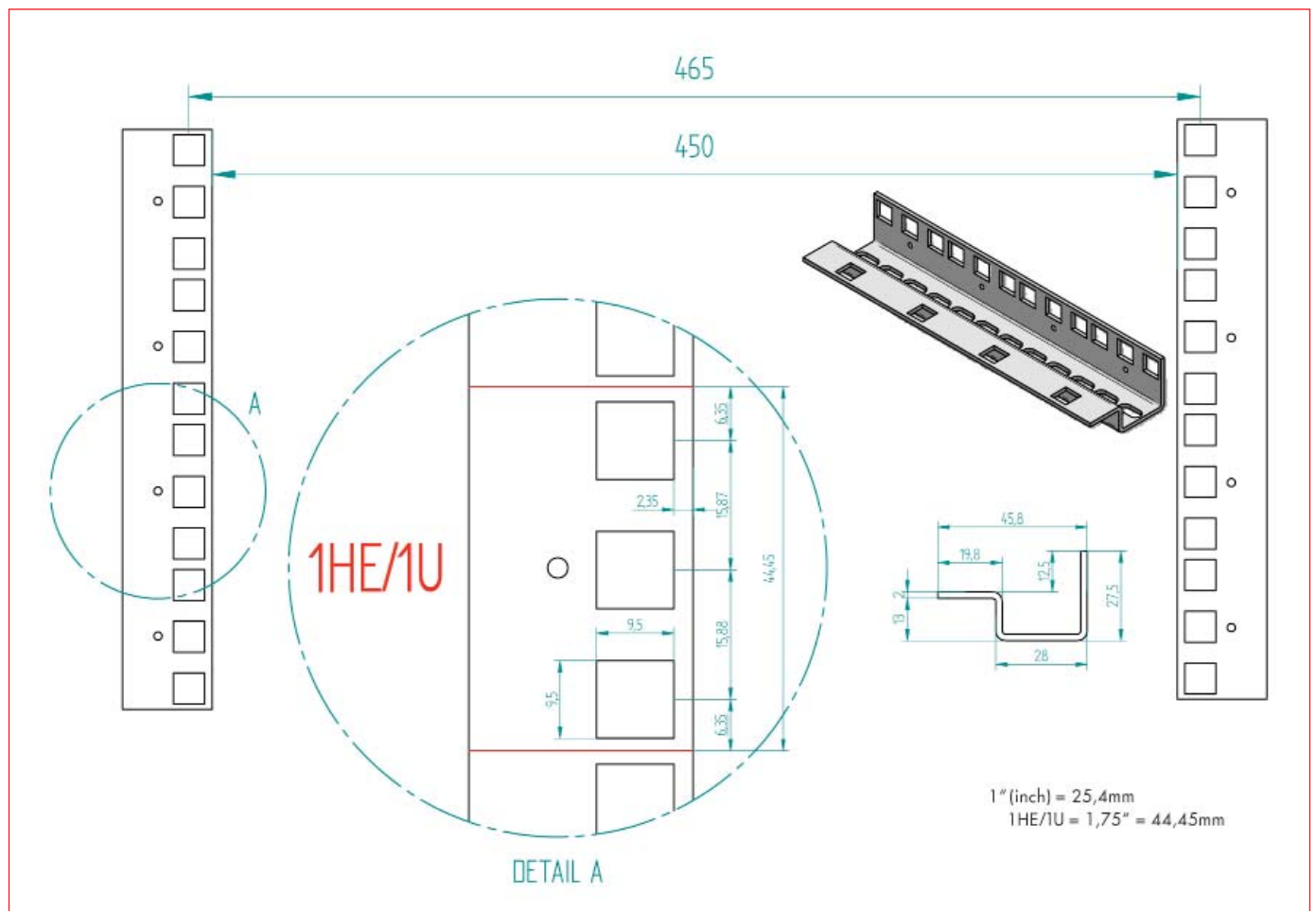
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	1)	2)	3)	4)	5)	6)	7)	8)	9)	10)
DSI426060	1970	1868	487	600	600	400	IP54	35	37	510	575	-	-	90	83
DSI426010	1970	1868	487	600	1000	400	IP54	35	37	910	975	-	-	118	107
DSI428080	1970	1868	687	800	800	400	IP54	50	55	670	775	-	-	124	114
DSI428010	1970	1868	687	800	1000	400	IP54	50	55	870	975	-	-	142	128

- 1) Maximum load / kg at equal distribution
- 2) Degree of protection
- 3) Spacing between the front vertical 19''-rails and the door glass at the maximal span / mm
- 4) Spacing between the rear vertical 19''-rails and the rear cover at the maximal span / mm
- 5) Maximal spacing of vertical 19''-rails at free-standing enclosures / mm
- 6) Maximal available depth for installed devices when placed on shelves / mm
- 7) Roof opening with 19''-punching.
- 8) Floor opening with 19''-punching.
- 9) Weight Brutto / kg
- 10) Weight Netto / kg

Data Enclosures Freestanding 19''

■ Data Enclosures Freestanding IP54 DSI

■ DRAWING OF THE VERTICAL 19''-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Freestanding IP54 600 x 600mm		
Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D= 600mm, 19", 42U, IP54		DSI426060
Data Enclosures Freestanding IP54 600 x 1000mm		
Network Enclosure Freestanding DSI, W= 600 x H=1.970 x D=1.000mm, 19", 42U, IP54		DSI426010
Data Enclosures Freestanding IP54 800 x 800mm		
Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D= 800mm, 19", 42U, IP54		DSI428080
Data Enclosures Freestanding IP54 800 x 1000mm		
Network Enclosure Freestanding DSI, W= 800 x H=1.970 x D=1.000mm, 19", 42U, IP54		DSI428010

Accessories



DSOT1280



DFS14845-C



IU070126



DV900336-A



DBK14805



DAB34810



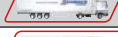






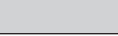












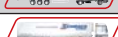


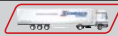










ASDRA400



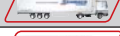







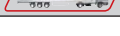




DESCRIPTION	AVAILABLE	ORDER NO.
Bases		
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base side-profile-pair, D=800, H=120 for DS/DSZ/DSP, RAL7035		DSOT1280
Base side-profile-pair, D=1000, H=120 for DS/DSZ/DSP, RAL7035		DSOT1210
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Base front-/rear-cover, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1280
Base front-/rear-cover with brush, W=800, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1282
Base front-/rear-cover perforated+filter, W=800, H=120 for DS/DSZ/DSS/DSP-enclosures, RAL7035		DSOF1283



Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050

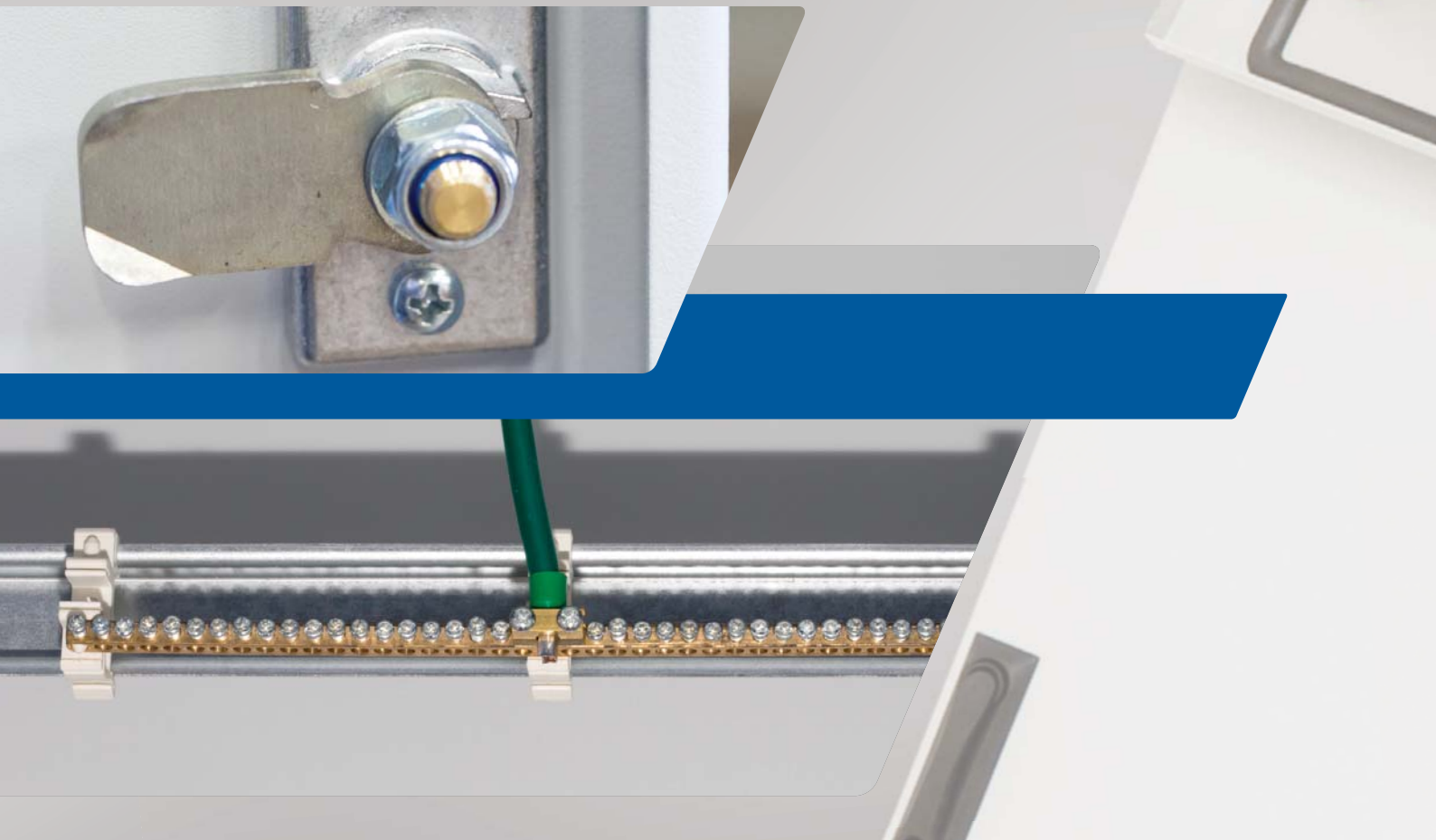


Order no. blue: on stock, usually ready for delivery on the day of order!

FLOOR STANDING

*„The objects are outside of the man,
the style is within the man.“*

George Louis Leclerc Graf de Buffon



CONTROL CABINETS 19"



Industrial Control Enclosure IP30 DSP



DSP376063

Schrack-Info

Enclosure for control-systems with input-devices and displays or for computers with keyboard, mouse and monitor. Used if no protection against dust and humidity is required, e.g. in office-like (clean, no dust) production halls or similar environments. The installed equipment is often the central- or a sub- control station for the production machines of a factory. Passive cooling of the installed devices by ventilation slots in roof and floor. Active cooling by use of the optional roof-Fan Units. Cable-entry is very flexible due to several prepared openings and the optional base. The lockable departments of the enclosure provide protection against unauthorized access.

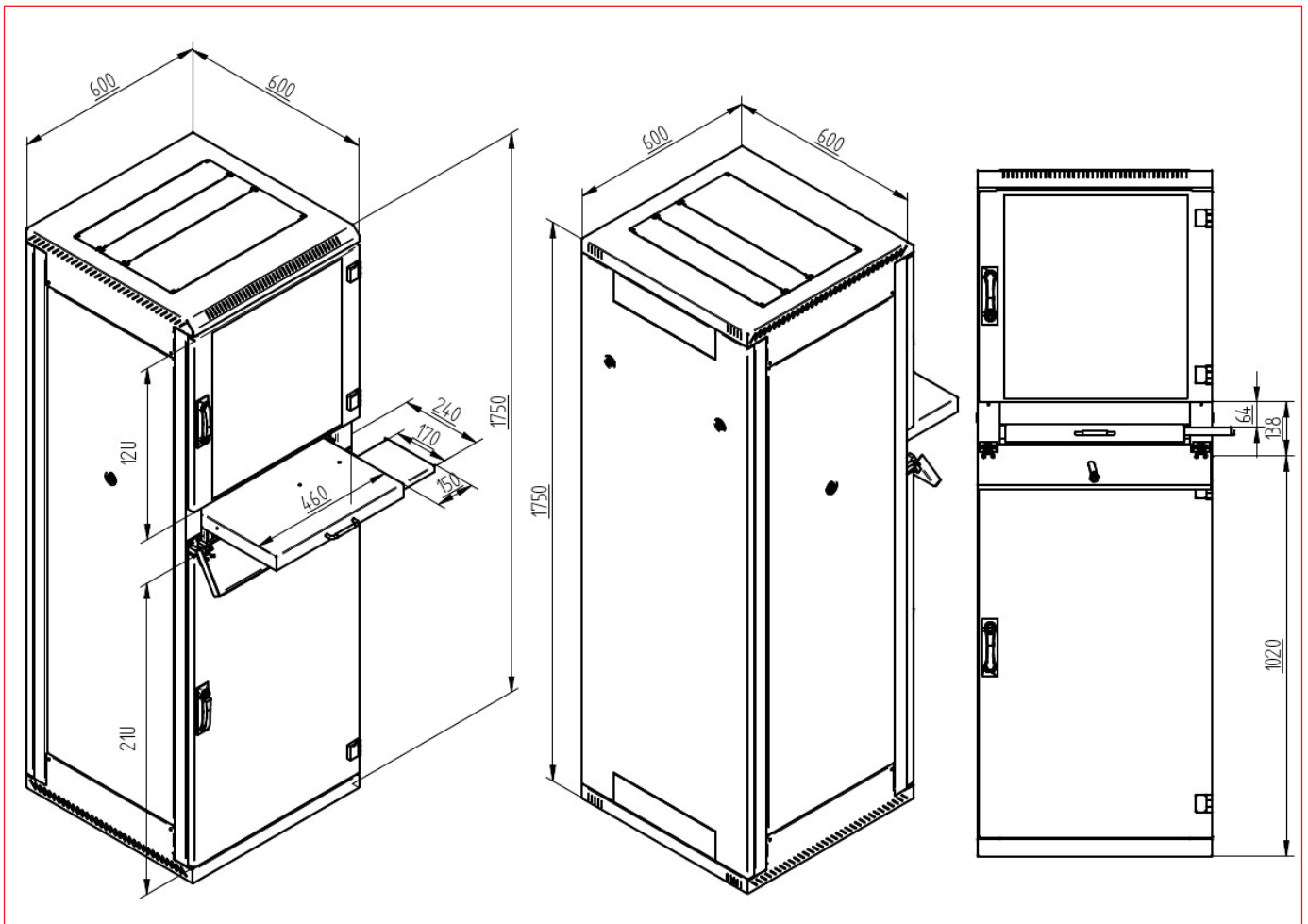
TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 30
 - Ventilation slots in floor and roof.
 - Cable-entry and installation of roof-Fan Units prepared.
- Cooling:
 - Passive cooling by ventilation slots.
 - Active cooling by installation of optional roof-Fan Unit DLT4480x-A.
- Removeable and lockable side- and rear- panels. Key included.
- Cable entry options:
 - Roof: For dust-protection, we recommend the use of the optional cable-entry-panel DBK24800.
 - Rear panel.
 - Floor: improved cable-entry by use of the optional base DOT1260 + DSOF126x.
- Roof: 8U deep roof opening, flexible covered with 1 x 4U and 2 x 2U cover plates.
- Roof installation options:
 - 1x Roof-Fan Unit 4U (DLT44801-A, DLT44802-A, DLT44803-A) and 1x oder 2x (in opposite direction) cable-entry-panel with brush 2U (DBK24800).
 - 2x Roof-Fan Unit 4U (DLT44801-A, DLT44802-A, DLT44803-A). Cable-entry via rear-panel or floor.
 - 1x Roof-Fan Unit 8U (DLT44806-A). Cable-entry via rear-panel or floor.
- Departments: 3
 - Separation of upper and lower departments by pre-installed 350 mm deep sliding shelf for keyboard and mouse.
 - Cable-guiding in rear part of the enclosure.
 - Vertical cable-management can be flexibly organized by use of optional cable-organizers DBKO8080.
- Bottom department:
 - Used for control-unit or computer.
 - 21U / 934 mm.
 - Fullmetal door RAL 7035. Swinghandle prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available. Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19''-rails, 21U. Continuously depth-adjustable.
- Middle department:
 - Used for input-device or keyboard and mouse.
 - 4U / 178 mm.
 - Fullmetal door RAL 7035, folding, single point lock.
 - Sliding shelf W=460 mm, D=350 mm for keyboard and mouse pre-installed. Usable depth if fully drawn out: 240 mm.
 - Mouse-shelf W=150 mm, D=170 mm can be drawn out under right side of keyboard shelf.
 - Keyboard and mouse not included in delivery.
- Top department:
 - Used for display-device or computer monitor.
 - 12U / 534 mm.
 - Glasdoor, 4 mm safety glass RAL7035. Swinghandle prepared for half-cylinder type locks. Half cylinder lock (Order-number: DV900333 / DV900335) optional available. Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19''-rails, 12U. Continuously depth-adjustable.
 - Optional a fixed shelf with 350 mm (DFS14835-C), 450 mm (DFS14845-C) or 550 mm (DFS14855-C) depth can be installed to put display devices or computer monitors on it.
- Earthing:
 - M8-Earthing point plus 19''-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.

Industrial Control Enclosure IP30 DSP

IP30

DIMENSIONS



	Maximum load [kg]	Degree of protection	Weight brutto [kg]	Weight netto [kg]
DSP376063	400	IP30	79	72

Accessories



DFS14845-C



IU070126



DBK14805



DAB34810




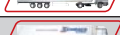









DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFS4855-A
Roof Fan Units		
Roof fan-unit with 1 fan and thermostat, 19", 4U, RAL7035		DLT44801-A
Roof fan-unit with 2 fans and thermostat, 19", 4U, RAL7035		DLT44802-A
Roof fan-unit with 3 fans and thermostat, 19", 4U, RAL7035		DLT44803-A
Roof fan-unit with 6 fans and thermostat, 19", 8U, RAL7035		DLT44806-A
Bases		
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805



Order no. blue: on stock, usually ready for delivery on the day of order!

Data Enclosures Freestanding 19"

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Half cylinder lock		
Half cylinder lock keyed EK 333 including 1 key		DV900333
Key 333 for half cylinder lock DV900333		DV900334
Half cylinder lock different keyed including 1 key		DV900335
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050



Industrial Control Enclosure IP54 DSP



DSP376065

Schrack-Info

Enclosure for control-systems with input-devices and displays or for computers with keyboard, mouse and monitor. Used when protection against dust and humidity is required, e.g. in production halls, warehouses or similar environments. Special construction for rough, dusty environments. Installed equipment is worth to be especially protected and/or equipment needs special protection due to environmental conditions (dust, humidity). The installed equipment is often the central- or a sub- control station for the production machines of a factory. Best availability of the (production-) machinery is achieved due to the special protection of the installed equipment (the control station) against dust and humidity (Protection IP54). Machinery down-time due to defect of control station because of dust or humidity is avoided. The lockable departments of the enclosure provide protection against unauthorized access.

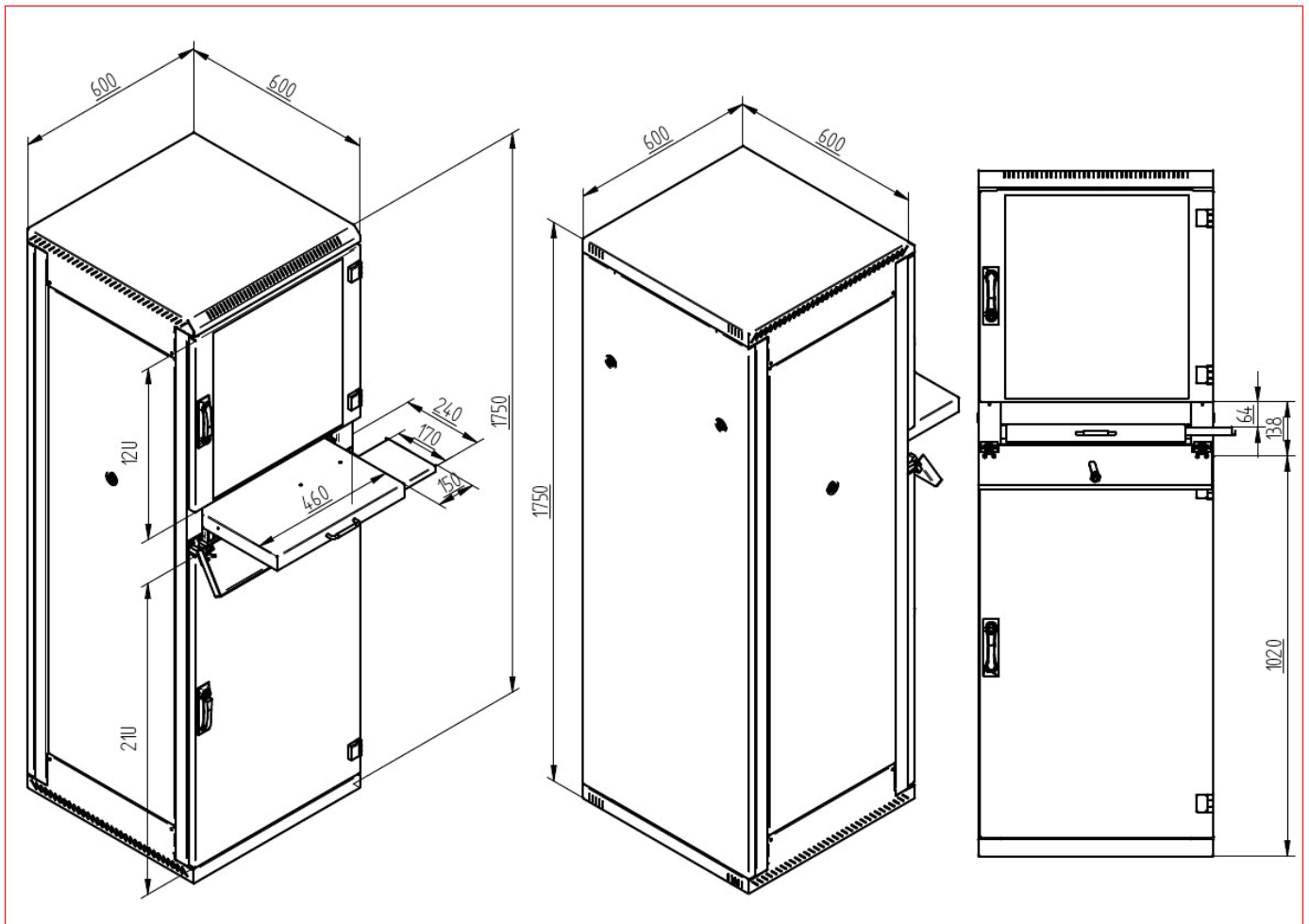
TECHNICAL DATA

- Welded, powder-coated sheet steel frame
- Color: RAL 7035 (lightgrey), Frame: RAL 5005 (blue)
- Degree of protection: IP 54
 - All doors, rear- and sidepanels, roof- and floor-openings are sealed, which ensures protection against dust and humidity.
 - Enclosure is without perforation for ventilation.
 - Passive cooling by sharing heat with environment via chassis.
- Rear- and sidepanels: Fixed to frame by screws. Demountable.
- Earthing:
 - M8-Earthing point plus 19''-Earthingset in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Departments: 3
 - Separation of upper and lower departments by pre-installed 350 mm deep sliding shelf for keyboard and mouse.
 - Cable-guiding in rear part of the enclosure.
 - Vertical cable-management can be flexibly organized by use of optional cable-organizers DBKO8080.
- Bottom department:
 - Used for control-unit or computer.
 - 21U / 934 mm.
 - Fullmetal door RAL 7035. Swinghandle with halfcylinder included. Same key as other locks. Halfcylinder can be changed.
 - Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19''-rails, 21U. Continuously depth-adjustable.
- Middle department:
 - Used for input-device or keyboard and mouse.
 - 4U / 178 mm.
 - Fullmetal door RAL 7035, folding, single point lock.
 - Sliding shelf W=460 mm, D=350 mm for keyboard and mouse pre-installed. Usable depth if fully drawn out: 240 mm.
 - Mouse-shelf W=150 mm, D=170 mm can be drawn out under right side of keyboard shelf.
 - Keyboard and mouse not included in delivery.
- Top department:
 - Used for display-device or computer monitor.
 - 12U / 534 mm.
 - Glasdoor, 4 mm safety glass RAL7035. Swinghandle with halfcylinder included. Same key as other locks. Halfcylinder can be changed.
 - Door can be opened 180°. Hinged right.
 - Two pairs galvanized, vertical 19''-rails, 12U. Continuously depth-adjustable.
 - Optional a fixed shelf with 350 mm (DFS14835-C), 450 mm (DFS14845-C) or 550 mm (DFS14855-C) depth can be installed to put display devices or computer monitors on it.
- Included assembly materials: 16 x Cage nuts, screws and washers M6.
- Wide range of available accessories (fixed shelves, patchpanels, cable management, PDUs, light-units, etc.).
- Enclosure is delivered fully-assembled on a disposable pallet.

Industrial Control Enclosure IP54 DSP

IP54

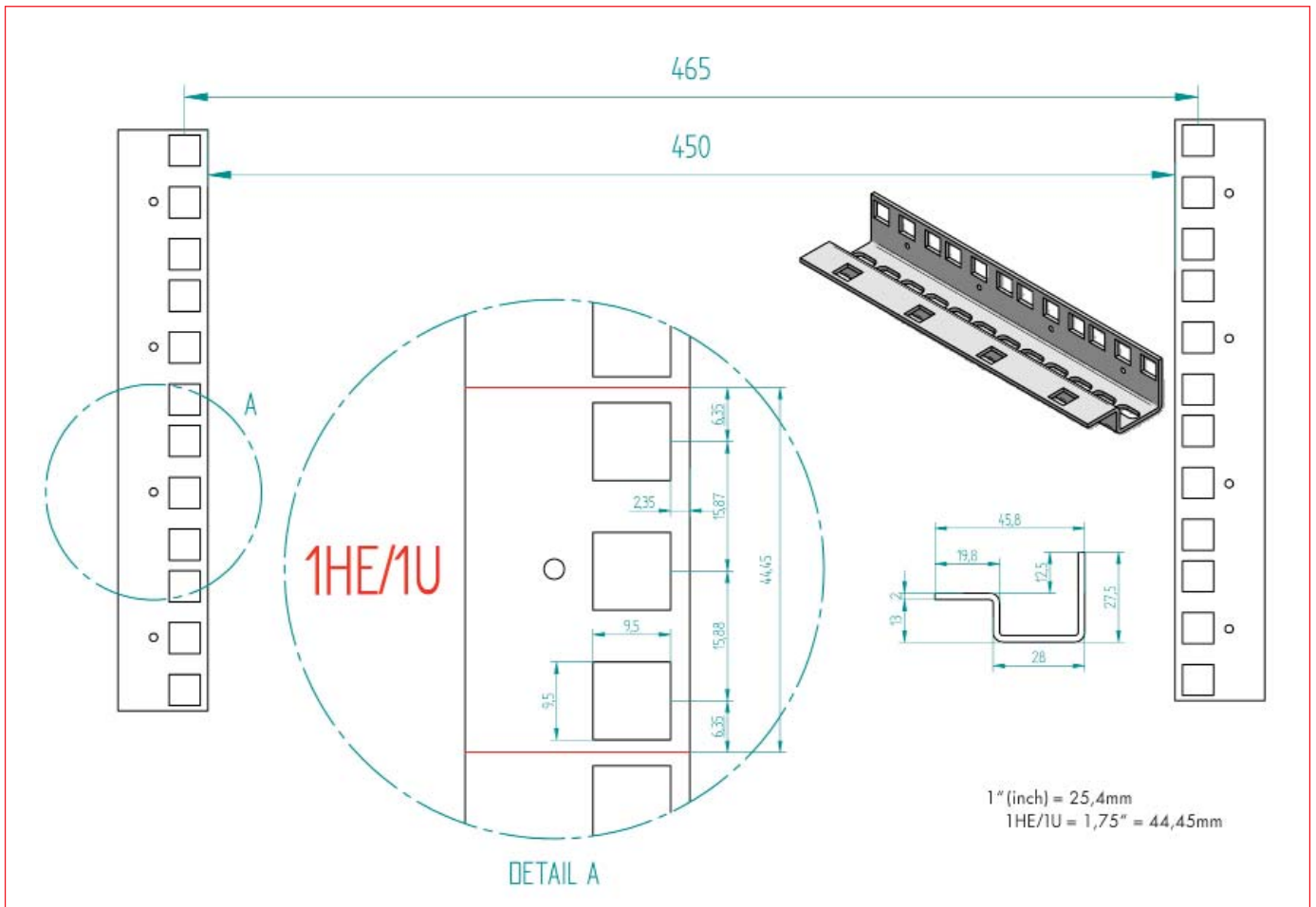
DIMENSIONS



	Maximum load [kg]	Degree of protection	Weight brutto [kg]	Weight netto [kg]
DSP376065	400	IP30	92	85

Industrial Control Enclosure IP54 DSP

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Industrial Control Enclosure IP54 DSP		
Industrial Enclosure Freestanding DSP W600xH1750xD600, 19", 37U, IP54		DSP376065



Accessories



DFS14845-C



IU070126



DBK14805











DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFS4855-A
Bases		
Base side-profile-pair, D=600, H=120 for DS/DSZ/DSP, RAL7035		DSOT1260
Base front-/rear-cover, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1260
Base front-/rear-cover perforated, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1261
Base front-/rear-cover with brush, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1262
Base front-/rear-cover perforated+filter, W=600, H=120 for DS/DSZ/DSS/DSP, RAL7035		DSOF1263
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025



Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050



NETWORK WALL

„The outside is only half of their reality.“

Johann Wolfgang von Goethe



ENCLOSURES MOUNTED



■ Data Enclosures Wallmounting Monobloc with removeable sidepanels IP30



DW156050

■ Schrack-Info

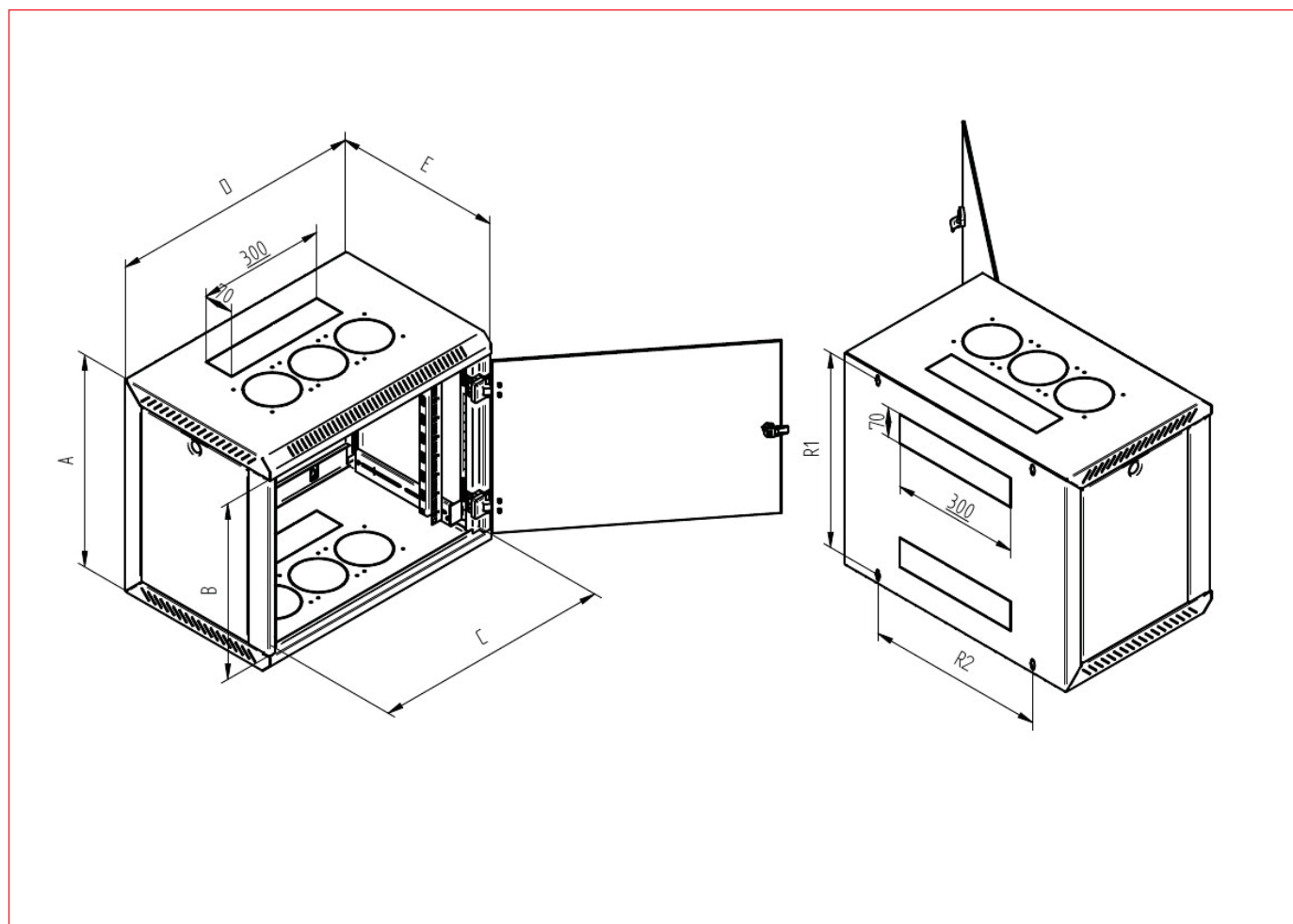
19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used as central enclosures in small to medium sized network cabling systems or as sub enclosures in medium to big sized network cabling systems. The removable sidepanels allow comfortable and easy access to the installed devices for maintenance, repair, etc. For active cooling, it is possible to install optional fans into the roof and/or floor.

■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
 - Fullmetal- and perforated doors available as an option
 - Doors with swinghandle prepared for halfcylinder as an option.
- Removable sidepanels with lock and keys.
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Rear 19"-mounting can be achieved by installation of a second 19"-profile-rail-pair DWPROF/DSPROF. Caution: 2 pieces profile-rails have to be ordered.
- Roof and floor with 3 openings each for optional fan DLT12121. Covered with „break-out style“ blanking covers, which can be easily broken out by use of a simple tool like a screwdriver.
- Cable-entry-openings in roof (1x), floor (1x) and rearpanel (2x). Covered with „break-out style“ blanking covers, which can be easily broken out by use of a simple tool like a screwdriver.
- Cable-entry-panel with brush included (1x).
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
 - Active cooling by optional fan(s) DLT12121. Max. 6 pieces per enclosure (3 pieces each can be installed in roof and floor).
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismantable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, doors, etc.).
- Enclosure is delivered fully-assembled.

Data Enclosures Wallmounting Monobloc with removeable sidepanels IP30

DIMENSIONS

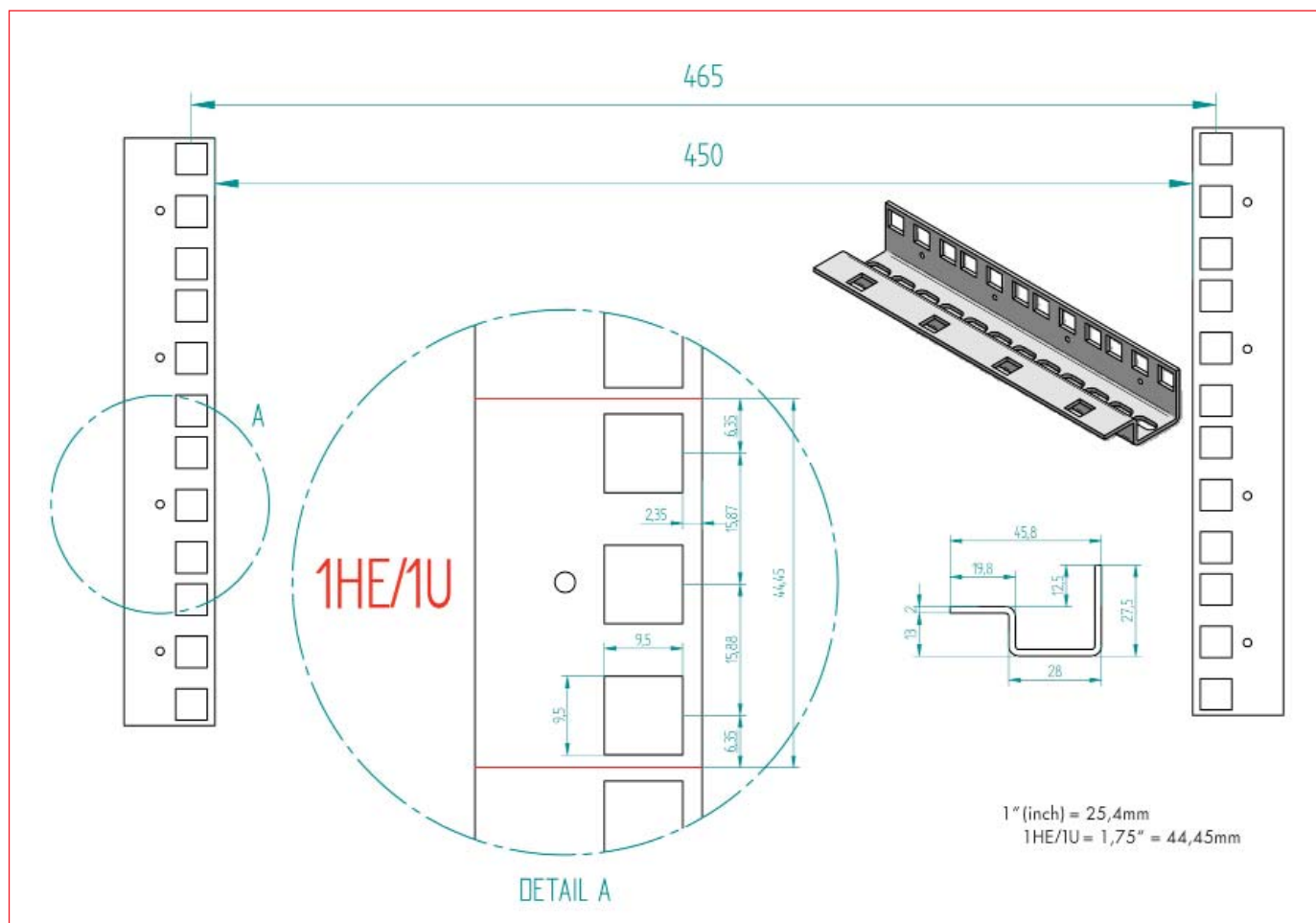


	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	R1 [mm]	R2 [mm]	1)	2)	3)	4)
DW066050	370	265	530	600	495	324	420	30	IP30	17,3	17
DW096050	500	395	530	600	495	454	420	30	IP30	20,6	20,3
DW126050	635	530	530	600	495	589	420	30	IP30	24	23,7
DW156050	770	665	530	600	495	724	420	30	IP30	27,4	27,1
DW186050	900	795	530	600	495	854	420	30	IP30	30,7	30,3
DW096060	500	395	530	600	595	454	420	25	IP30	22,7	22,4
DW126060	635	530	530	600	595	589	420	25	IP30	26,3	26
DW156060	770	665	530	600	595	724	420	25	IP30	30	29,6

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Data Enclosures Wallmounting Monobloc with removeable sidepanels IP30

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Wallmounting D=495mm		
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=370xD=495mm, 19", 6U,RAL7035		DW066050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=500xD=495mm, 19", 9U,RAL7035		DW096050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=635xD=495mm, 19", 12U,RAL7035		DW126050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=770xD=495mm, 19", 15U,RAL7035		DW156050
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=900xD=495mm, 19", 18U,RAL7035		DW186050
Data Enclosures Wallmounting D=595mm		
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=500xD=595mm, 19", 9U,RAL7035		DW096060
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=635xD=595mm, 19", 12U,RAL7035		DW126060
Network Enclosure Wallmount DW Monobloc, detachable sidepanels, fan-option, W=600xH=770xD=595mm, 19", 15U,RAL7035		DW156060

Accessories



DLT12121



DWRT1261



DWRT1267



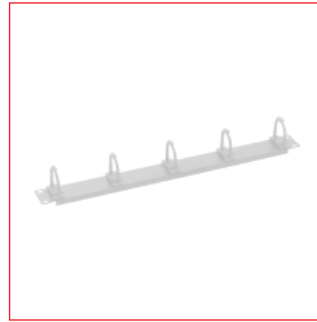
DFS14835-C



IU070126



DV900336-A



DBS14805







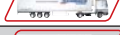



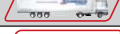




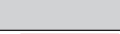

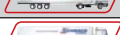

















DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Fan Unit		
Fan unit, 1x Fan, Cable with On/Off-Switch, Filter and Grille for DWxx6050/DWxx6060		DLT12121
Doors		
Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0660
Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0661
Glas Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0663
Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0666
Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0667
Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0960
Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0961
Glas Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0963
Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0966
Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0967
Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1260
Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1261
Glas Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1263
Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1266
Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1267
Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1560
Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1561
Glas Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1563
Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1566
Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1567
Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1860
Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1861
Glas Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1863
Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1866
Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1867
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C



Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Profile Rails (to be used in rear, please order in pairs)		
19" Profile rail 6U for DW-enclosures		DWPROF06
19" Profile rail 9U for DW-enclosures		DWPROF09
19" Profile rail 12U for DW-enclosures		DWPROF12
19" Profile rail 15U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF15
19" Profile rail 18U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF18
19" Profile rail 21U for DW-enclosures		DWPROF21
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNÜ
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Half cylinder lock keyed EK 333 including 1 key		DV900333

■ Data Enclosures Wallmounting Monobloc IP30



DW126040

■ Schrack-Info

19''-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used as central enclosures in small to medium sized network cabling systems or as sub enclosures in medium to big sized network cabling systems. Cost effective standard version.

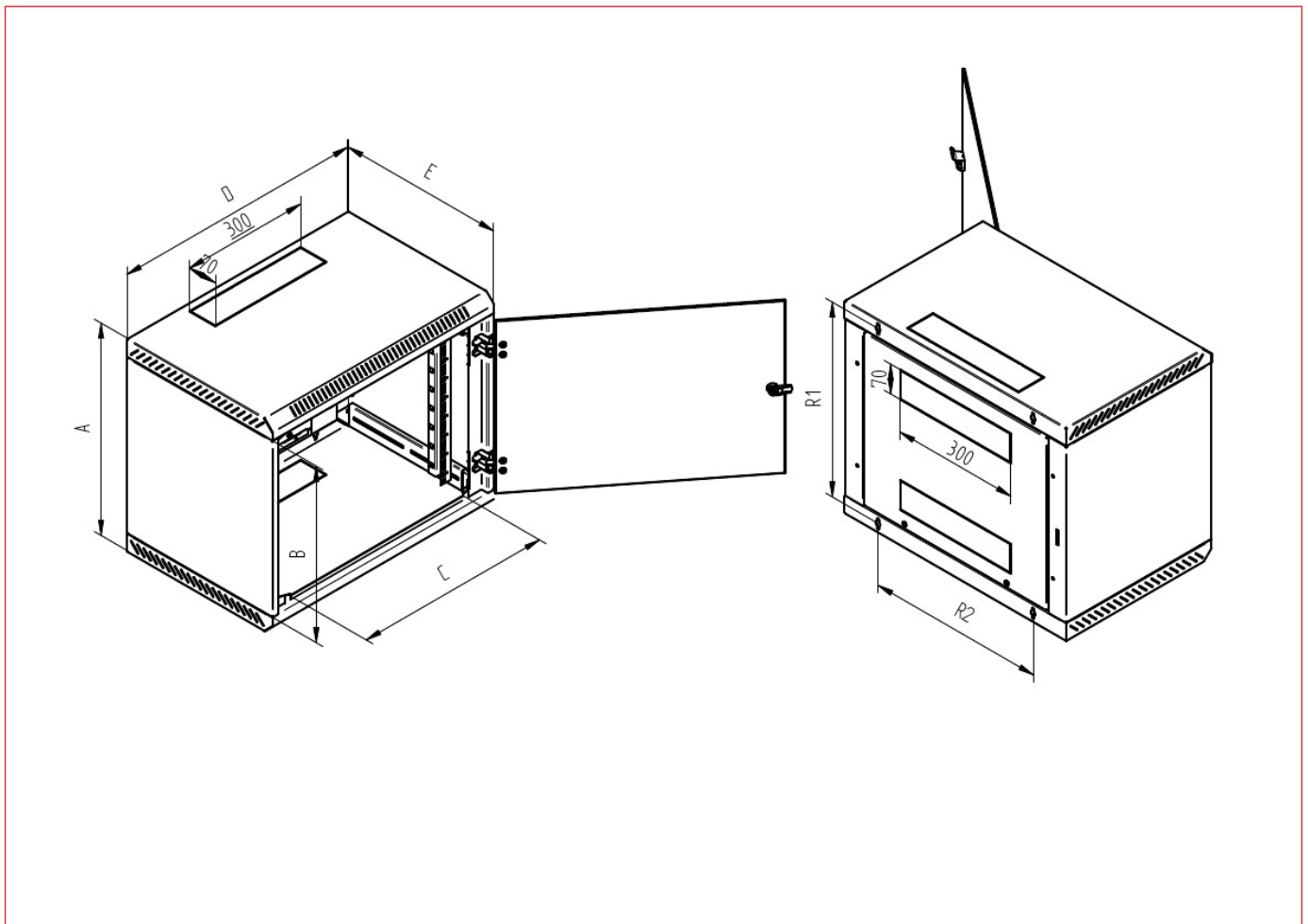
■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
 - Fullmetall- and perforated doors available as an option
 - Doors with swinghandle prepared for halfcylinder as an option.
- 19'' vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Rear 19''-mounting can be achieved by installation of shelf-holder-set DFSZDW01.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cable-entry-panel with brush included (1x).
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, doors, etc.).
- Enclosure is delivered fully-assembled.

IP30

■ Data Enclosures Wallmounting Monobloc IP30

■ DIMENSIONS



	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	R1 [mm]	R2 [mm]	1)	2)	3)	4)
DW046040	280	175	516	600	395	234	420	30	IP30	12,7	12,4
DW066040	370	265	516	600	395	324	420	30	IP30	14,8	14,5
DW096040	500	395	516	600	395	454	420	30	IP30	17,8	17,4
DW126040	635	530	516	600	395	589	420	30	IP30	20,9	20,5
DW156040	770	665	516	600	395	724	420	30	IP30	24	23,6
DW186040	900	795	516	600	395	854	420	30	IP30	27	26,6

1) Maximum load / kg

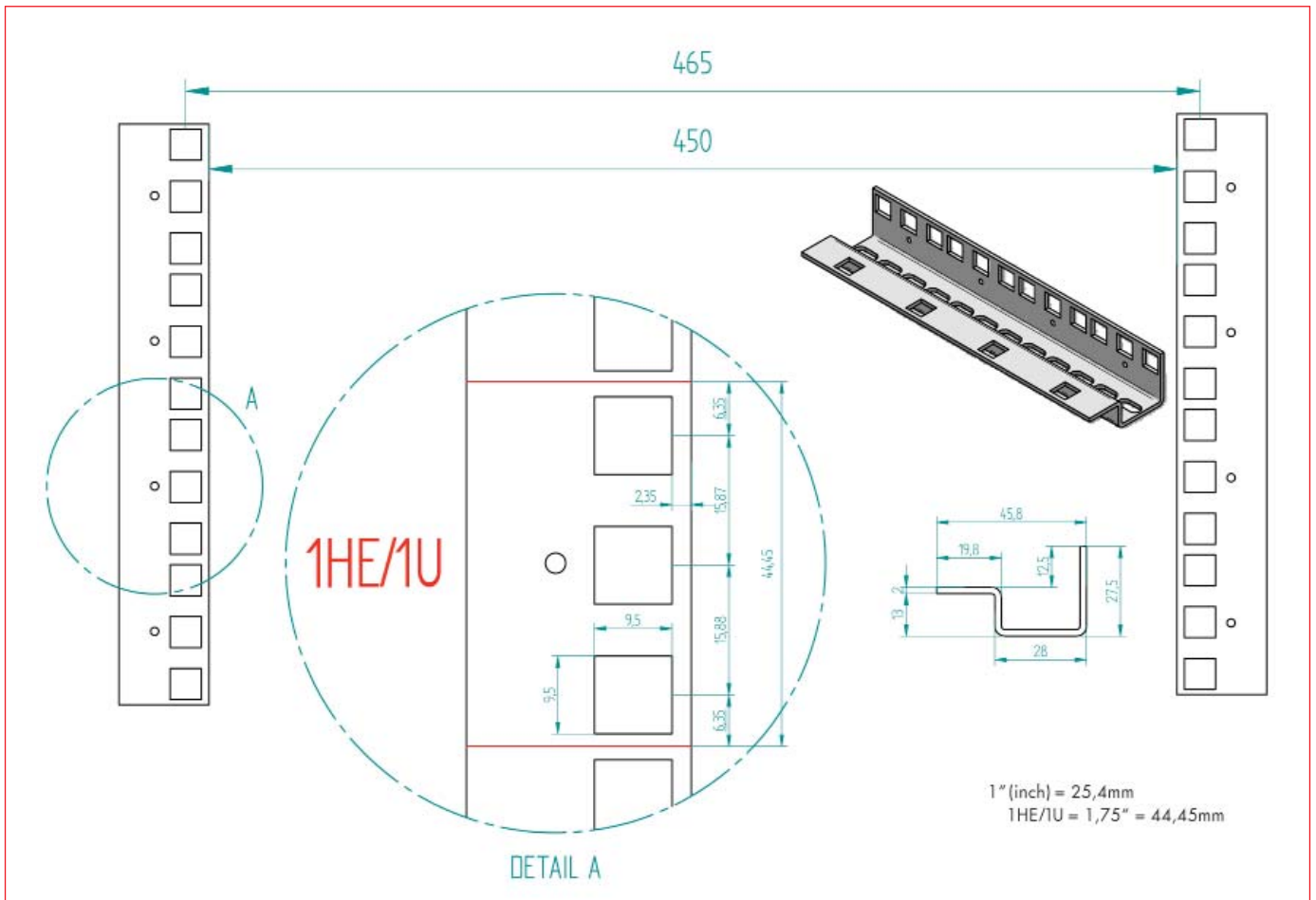
2) Degree of protection

3) Weight Brutto / kg

4) Weight Netto / kg

Data Enclosures Wallmounting Monobloc IP30

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Wallmounting D=395mm		
Network Enclosure Wallmount DW Monobloc, W=600 x H=280 x D=395mm, 19", 4U, RAL7035		DW046040
Network Enclosure Wallmount DW Monobloc, W=600 x H=370 x D=395mm, 19", 6U, RAL7035		DW066040
Network Enclosure Wallmount DW Monobloc, W=600 x H=500 x D=395mm, 19", 9U, RAL7035		DW096040
Network Enclosure Wallmount DW Monobloc, W=600 x H=635 x D=395mm, 19", 12U, RAL7035		DW126040
Network Enclosure Wallmount DW Monobloc, W=600 x H=770 x D=395mm, 19", 15U, RAL7035		DW156040
Network Enclosure Wallmount DW Monobloc, W=600 x H=900 x D=395mm, 19", 18U, RAL7035		DW186040

Accessories



DWRT1261



DWRT1267



DFS14835-C



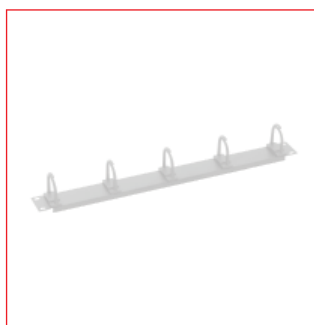
DFSZDW01



IU070126



DV900336-A





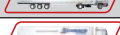

DBS14805



DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Doors		
Full Metal Door for DW-enclosure 4U, W=600, Standard Lock, RAL7035		DWRT0460
Perforated Metal Door 80% for DW-enclosure 4U, W=600, Standard Lock, RAL7035		DWRT0461
Glas Door for DW-enclosure 4U, W=600, Standard Lock, RAL7035		DWRT0463
Full Metal Door for DW-enclosure 4U, W=600, RAL7035, Halfcylinder ready		DWRT0466
Glas Door for DW-enclosure 4U, W=600, RAL7035, Halfcylinder ready		DWRT0467
Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0660
Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0661
Glas Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0663
Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0666
Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0667
Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0960
Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0961
Glas Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0963
Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0966
Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0967
Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1260
Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1261
Glas Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1263
Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1266
Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1267
Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1560
Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1561
Glas Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1563
Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1566
Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1567
Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1860
Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1861
Glas Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1863
Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1866
Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1867

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
Shelf Holders		
19" Shelf holder for back of DW-enclosure with fixed sidepanel		DFSZDW01
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Half cylinder lock keyed EK 333 including 1 key		DV900333



Order no. blue: on stock, usually ready for delivery on the day of order!

■ Data Enclosures Wallmounting Dualbloc IP30



DW12605D

■ Schrack-Info

19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used as central enclosures in small to medium sized network cabling systems or as sub enclosures in medium to big sized network cabling systems. Dualbloc construction allows opening and swinging aside of the body and thus access from one side to the rear of installed components for maintenance or repair.

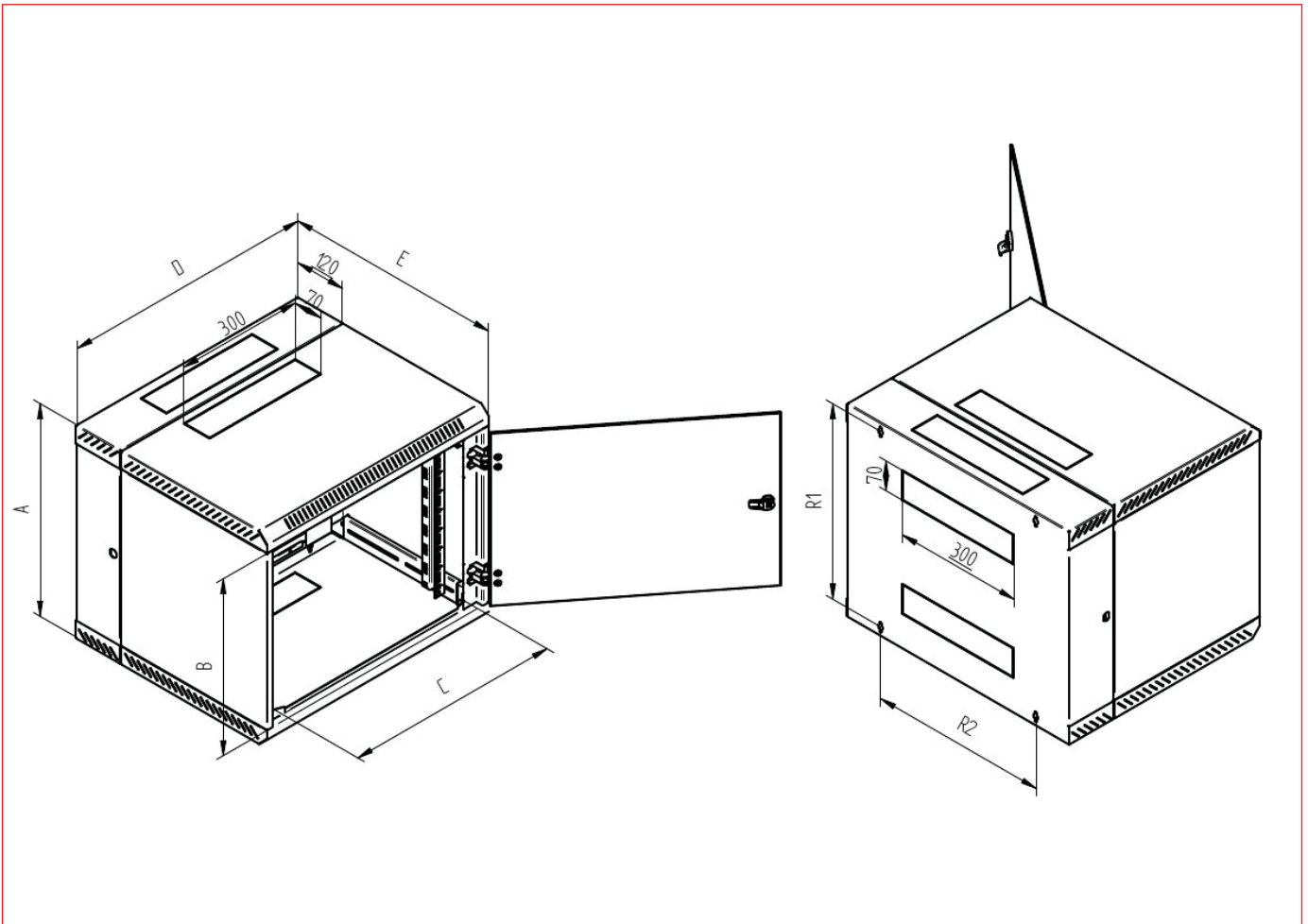
■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
 - Fullmetall- and perforated doors available as an option
 - Doors with swinghandle prepared for halfcylinder as an option.
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Rear 19"-mounting can be achieved by installation of shelf-holder-set DFSZDW01.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cable-entry-panel with brush included (1x).
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, doors, etc.).
- Enclosure is delivered fully-assembled.

IP30

■ Data Enclosures Wallmounting Dualbloc IP30

■ DIMENSIONS

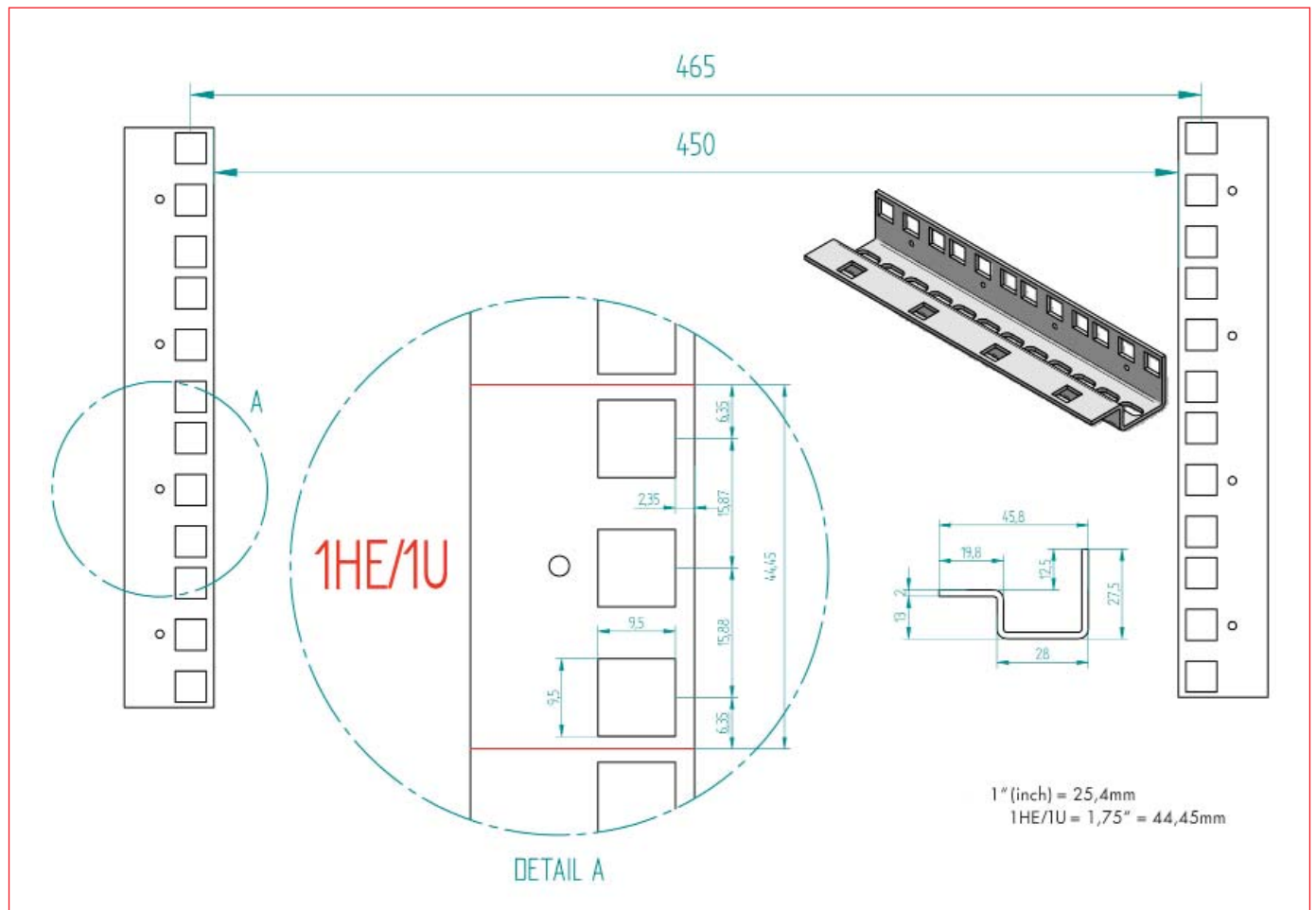


	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	R1 [mm]	R2 [mm]	1)	2)	3)	4)
DW06605D	370	265	516	600	515	324	420	20	IP30	18,3	17,9
DW09605D	500	395	516	600	515	454	420	25	IP30	21,7	21,4
DW12605D	635	530	516	600	515	589	420	25	IP30	25,4	25,1
DW15605D	770	665	516	600	515	724	420	30	IP30	29,1	28,7
DW18605D	900	795	516	600	515	854	420	30	IP30	32,5	32,1
DW21605D	1035	930	516	600	515	989	420	30	IP30	36	35,5
DW18606D	900	795	516	600	615	854	420	30	IP30	35,9	35,4
DW21606D	1035	930	516	600	615	989	420	30	IP30	39,7	39,2

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Data Enclosures Wallmounting Dualbloc IP30

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Wallmounting D=515mm		
Network Enclosure Wallmount DW Dualbloc, W=600 x H=370 x D=515mm, 19", 6U, RAL7035		DW06605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=500 x D=515mm, 19", 9U, RAL7035		DW09605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=635 x D=515mm, 19", 12U, RAL7035		DW12605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=770 x D=515mm, 19", 15U, RAL7035		DW15605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=900 x D=515mm, 19", 18U, RAL7035		DW18605D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=1.035 x D=515mm, 19", 21U, RAL7035		DW21605D
Data Enclosures Wallmounting D=615mm		
Network Enclosure Wallmount DW Dualbloc, W=600 x H=900 x D=615mm, 19", 18U, RAL7035		DW18606D
Network Enclosure Wallmount DW Dualbloc, W=600 x H=1.035 x D=615mm, 19", 21U, RAL7035		DW21606D

Accessories



DWRT1261



DWRT1267



DFS14835-C



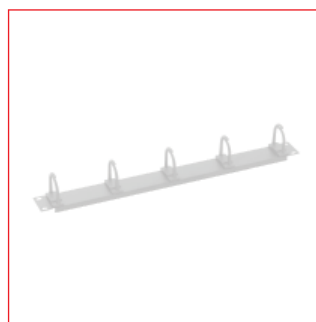
DFSZDW01



IU070126



DV900336-A



DBS14805





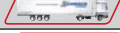











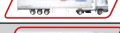



















DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Doors		
Full Metal Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0660
Perforated Metal Door 80% for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0661
Glas Door for DW-enclosure 6U, W=600, Standard Lock, RAL7035		DWRT0663
Full Metal Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0666
Glas Door for DW-enclosure 6U, W=600, Halfcylinder ready, RAL7035		DWRT0667
Full Metal Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0960
Perforated Metal Door 80% for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0961
Glas Door for DW-enclosure 9U, W=600, Standard Lock, RAL7035		DWRT0963
Full Metal Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0966
Glas Door for DW-enclosure 9U, W=600, Halfcylinder ready, RAL7035		DWRT0967
Full Metal Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1260
Perforated Metal Door 80% for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1261
Glas Door for DW-enclosure 12U, W=600, Standard Lock, RAL7035		DWRT1263
Full Metal Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1266
Glas Door for DW-enclosure 12U, W=600, Halfcylinder ready, RAL7035		DWRT1267
Full Metal Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1560
Perforated Metal Door 80% for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1561
Glas Door for DW-enclosure 15U, W=600, Standard Lock, RAL7035		DWRT1563
Full Metal Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1566
Glas Door for DW-enclosure 15U, W=600, Halfcylinder ready, RAL7035		DWRT1567
Full Metal Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1860
Perforated Metal Door 80% for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1861
Glas Door for DW-enclosure 18U, W=600, Standard Lock, RAL7035		DWRT1863
Full Metal Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1866
Glas Door for DW-enclosure 18U, W=600, Halfcylinder ready, RAL7035		DWRT1867
Full Metal Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2160
Perforated Metal Door 80% for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2161
Glas Door for DW-enclosure 21U, W=600, Standard Lock, RAL7035		DWRT2163
Full Metal Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035		DWRT2166
Glas Door for DW-enclosure 21U, W=600, Halfcylinder ready, RAL7035		DWRT2167

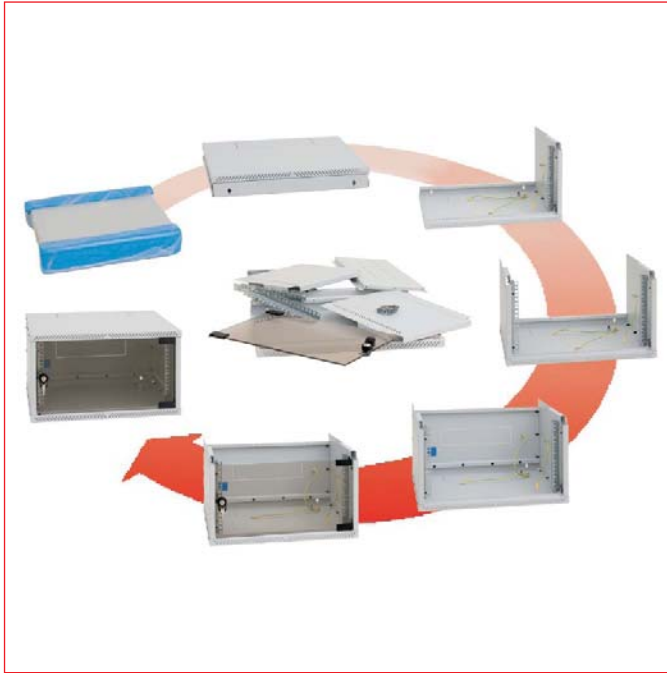


Order no. blue: on stock, usually ready for delivery on the day of order!

Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
Shelf Holders		
19" Shelf holder for back of DW-enclosure with fixed sidepanel		DFSZDW01
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Pouch		
Document pocket, self adhesive, DIN A4		ASDRA400
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Half cylinder lock keyed EK 333 including 1 key		DV900333

■ Data Enclosures Wallmounting Flatpack IP30



DW095540

■ Schrack-Info

19"-wallmounting network enclosures. Mostly used in offices and similar environments like private flats or houses. Used in small to medium sized network cabling systems. Cost-effective. Space saving during shipping and storage.

■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
- Door hinged right. Can be changed to hinging on left.
 - Door opening: ca. 130°
- 19" vertical rails (2 pieces) in front of enclosure, galvanized, Step-adjustable.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, cable management, etc.).

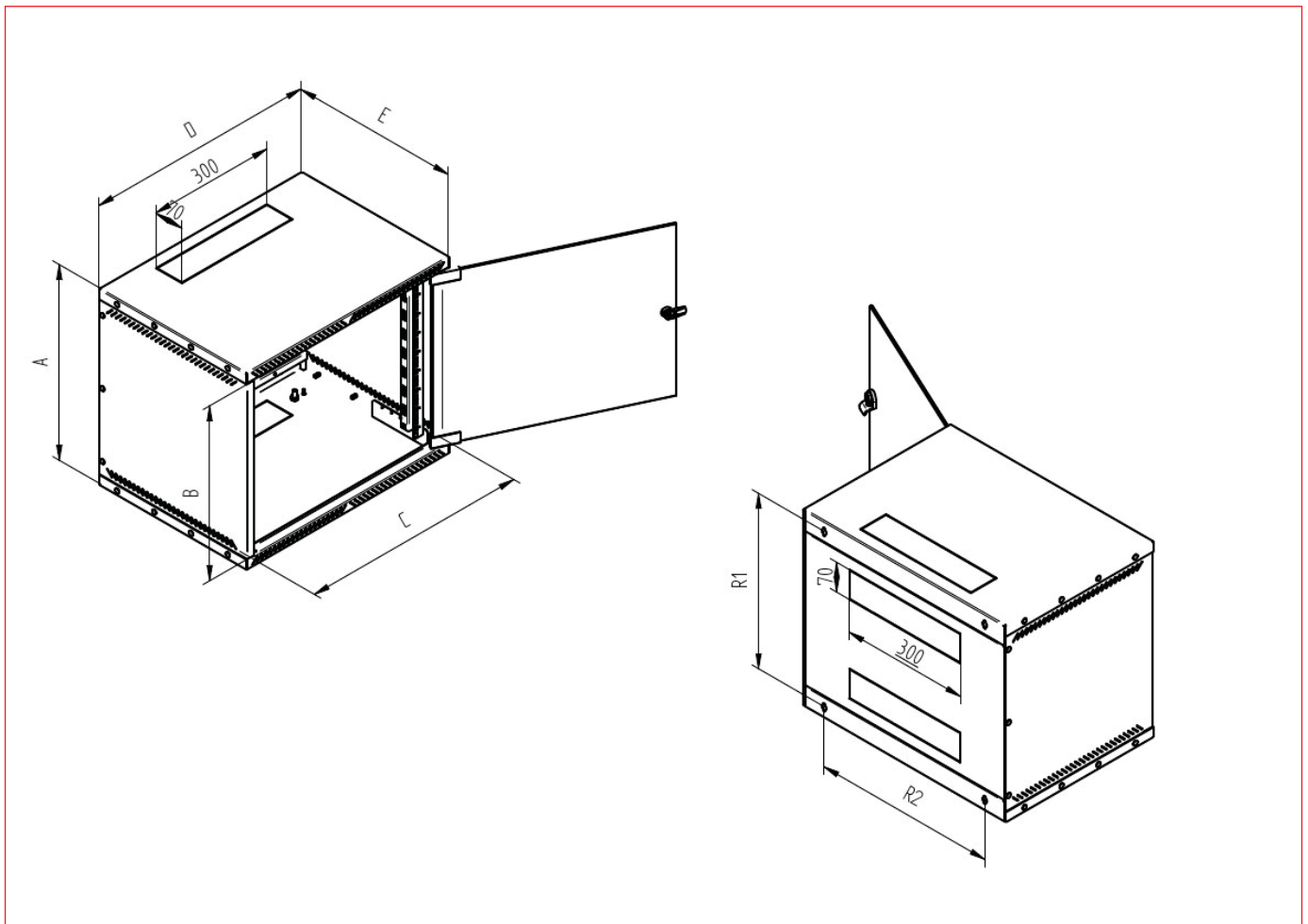
FLAT-PACK-DESIGN

Flatpack design means a demountable cabinet that is supplied disassembled. The assembly procedure requires only a few minutes and it almost does not require any tools. Only the profile-rails have to be screwed by use of 4x Thorx T25 screws. The individual parts of the cabinet are joined together toolless by use of mounting-pins.

IP30

■ Data Enclosures Wallmounting Flatpack IP30

■ DIMENSIONS

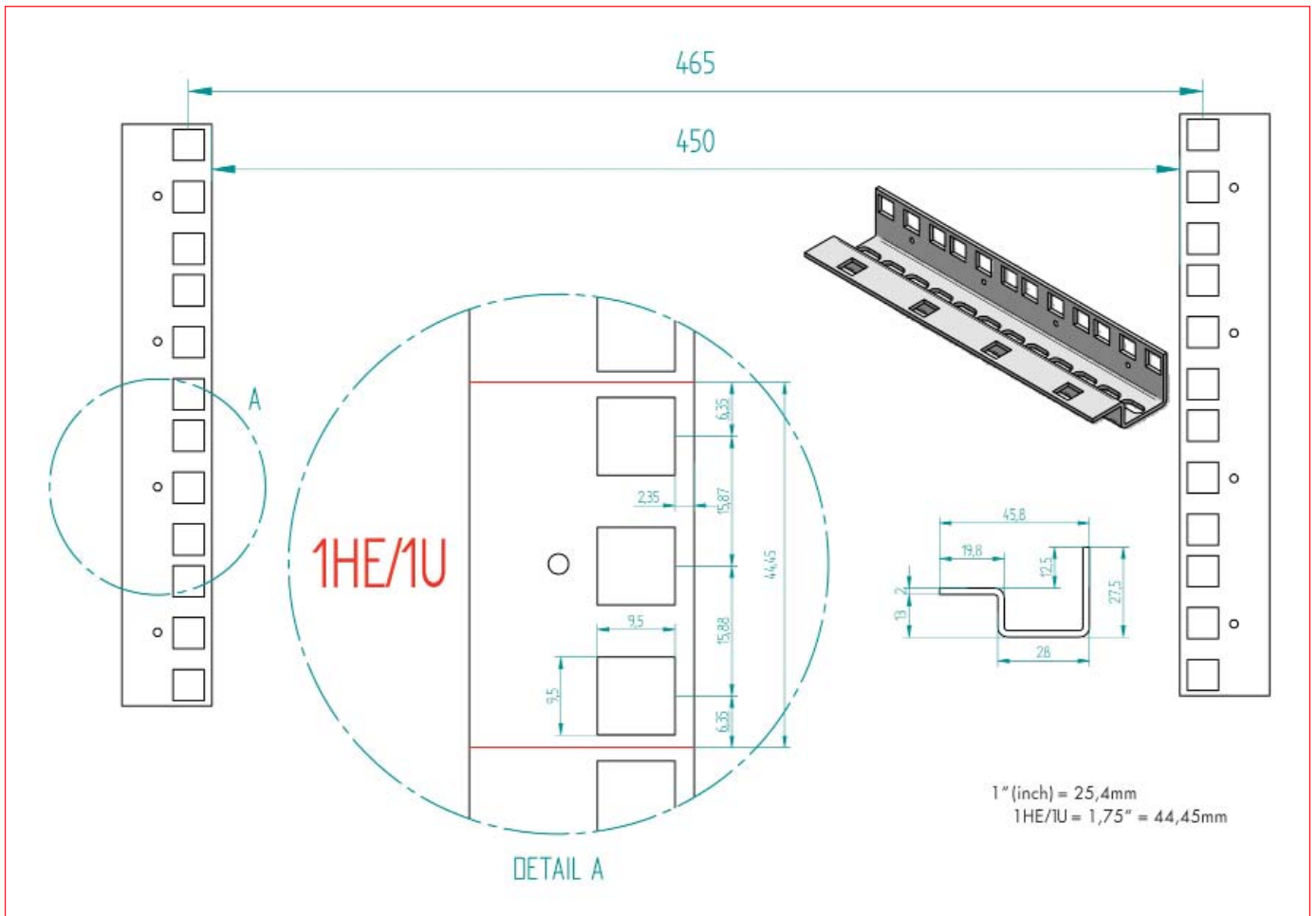


	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	R1 [mm]	R2 [mm]	1)	2)	3)	4)
DW045540	230	180	505	550	400	180	435	25	IP30	11,2	11
DW065540	320	270	505	550	400	270	435	25	IP30	13,3	13
DW095540	463	412	505	550	400	412	435	25	IP30	15,4	15,1
DW125540	580	530	505	550	400	530	435	25	IP30	18,7	18,4

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Data Enclosures Wallmounting Flatpack IP30

DRAWING OF THE VERTICAL 19"-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Wallmounting D=400mm		
Network Enclosure Wallmount DW Flat Pack, W=550 x H=230 x D=400mm, 19", 4U, RAL7035		DW045540
Network Enclosure Wallmount DW Flat Pack, W=550 x H=320 x D=400mm, 19", 6U, RAL7035		DW065540
Network Enclosure Wallmount DW Flat Pack, W=550 x H=410 x D=400mm, 19", 9U, RAL7035		DW095540
Network Enclosure Wallmount DW Flat Pack, W=550 x H=580 x D=400mm, 19", 12U, RAL7035		DW125540



Accessories



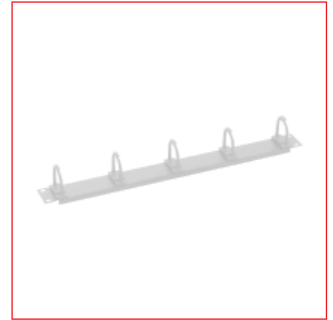
DFS14825-A



IU070126



DV900336-A



DBS14805

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Cable Management		
19" Cable management panel, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14805
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025
19" Cable management panel with 4 openings, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14806
Din-Rail Panel		
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Accessories		
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050

„The infinite can only become visible in finite form.“

Julius Langbehn



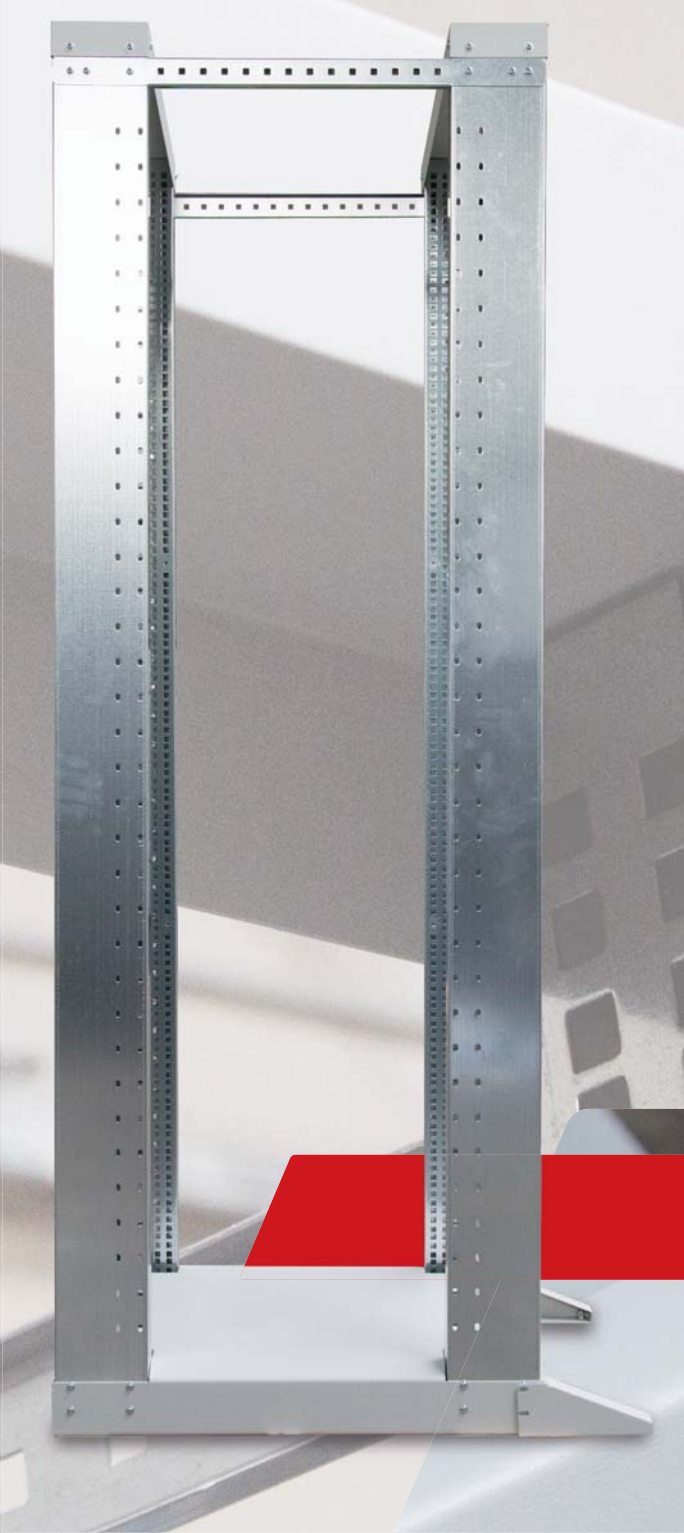
NETWORK

*„Once more open the shell,
see, I shall be modest,
once more let me enjoy the abundance
of your splendour!“*

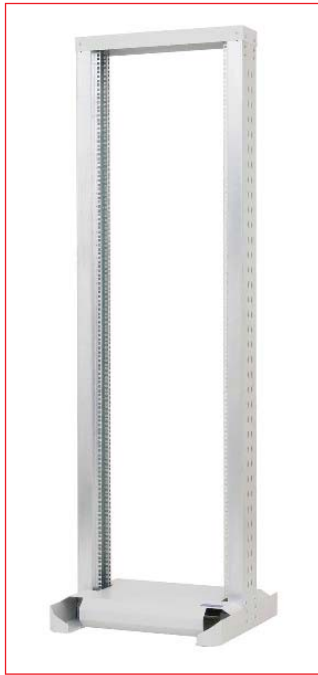
Rainer Maria Rilke



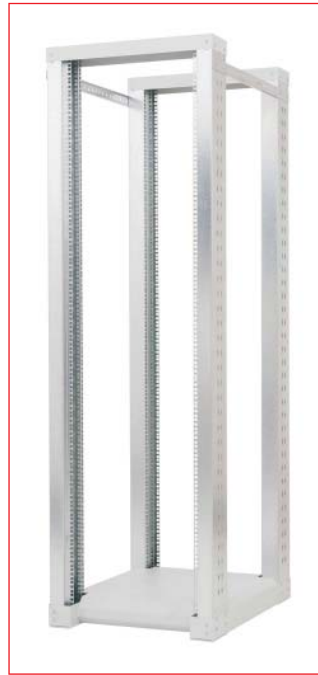
SYSTEM RACK 19"



■ Data Systemracks 19''



IU070142-A



IU070242-A

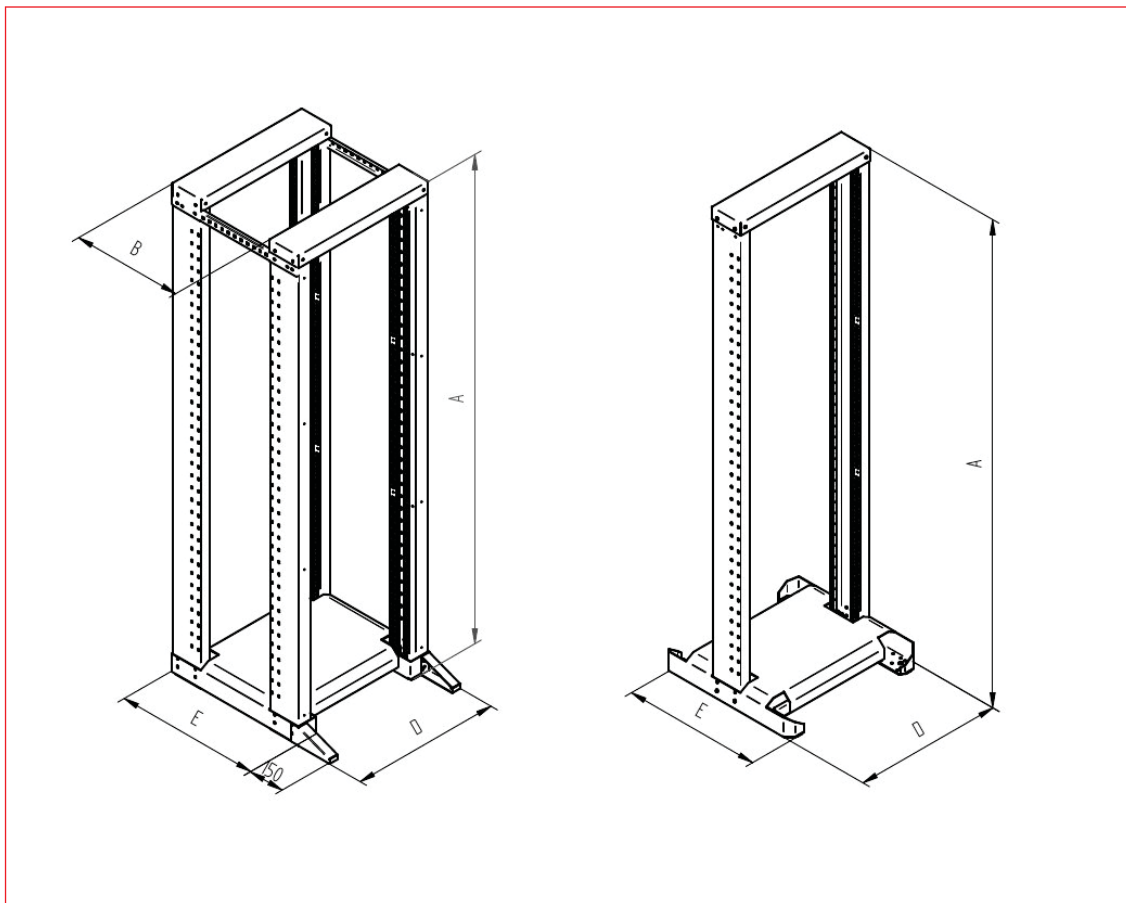
■ Schrack-Info

These 19'' systemracks are used when access to the equipment from all sides is necessary all the time. Also frequently used for presentation of 19''-devices in show-rooms or on exhibitions. The single section racks are designed for installations without heavy equipment. The double section racks are designed for installation of heavier and larger equipment. The included stabilization set is mounted additionally on the base of the double section racks and increases stability of the whole rack in case of installation of slide-out devices, e.g. servers.

Installation:

- Direct on floor.
- By use of the included leveling feet in case of uneven floor.
- By use of optional castors with brake (Ordernumber: DSR00005-A).



■ DIMENSIONS



	A [mm]	B [mm]	D [mm]	E [mm]	1)	2)	3)	4)
IU070127-A	1365	-	616	600	150	-	34,3	27,5
IU070142-A	2031	-	616	600	150	-	40,5	33,7
IU070227-A	1365	560	616	700	400	-	53,2	45,1
IU070242-A	2031	560	616	700	400	-	65,5	57,5

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Data Systemracks 19''

DESCRIPTION	AVAILABLE	ORDER NO.
Data Systemracks Single-sectioned		
Network Systemrack, single-sectioned, W=616 x H=1.365 x D=600mm, 19'', 27U		IU070127-A
Network Systemrack, single-sectioned, W=616 x H=2.031 x D=600mm, 19'', 42U		IU070142-A
Data Systemracks Double-sectioned		
Network Systemrack, double-sectioned, W=616 x H=1.365 x D=700mm, 19'', 27U		IU070227-A
Network Systemrack, double-sectioned, W=616 x H=2.031 x D=700mm, 19'', 42U		IU070242-A



Accessories



DFS14835-C



IU070126



DBK14805




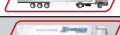











DAB34810

DESCRIPTION	AVAILABLE	ORDER NO.
Shelves		
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19" Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19" Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19" Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19" Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19" Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19" Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837
Power Distribution Units - PDUs		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable, RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE506
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06



Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Management		
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080
Light Units		
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Din-Rail Panel		
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSERH010GS
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
Accessories		
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load		DSR00005-A



Order no. blue: on stock, usually ready for delivery on the day of order!

NETWORK WALL

„Grace is the elegance of form.“

Sully Prudhomme



ENCLOSURES MOUNTED 10"



■ Data Enclosures Wallmounting 10''



DV610006-A



DV610006-A

■ Schrack-Info

10''-SoHo (Small Office Home Office) wallmounting network enclosures. Mostly used in small offices and similar environments like private flats or houses. Also used for space saving installation of sub enclosures in small to big sized network cabling systems.

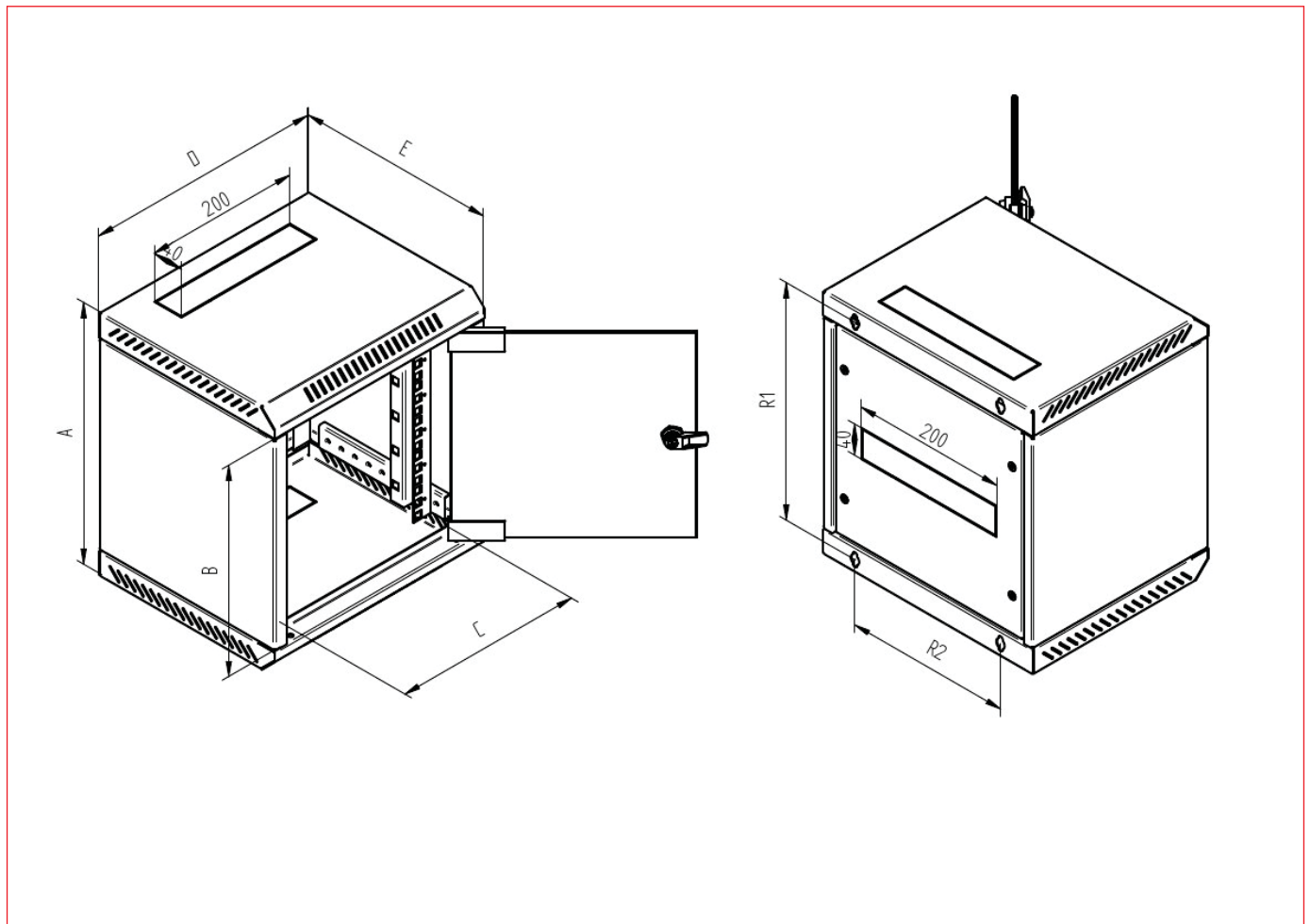
■ TECHNICAL DATA

- Welded, powder-coated sheet steel chassis
- Color: RAL 7035 (lightgrey)
- Degree of protection: IP 30
- Full-glass-door: Safety hardened glass 5mm including lock and 2 keys.
 - Door hinged right.
 - Door opening: ca. 180°
- 19'' vertical rails (2 pieces) in front of enclosure, galvanized, continuously depth-adjustable.
- Cable entry possible via roof, floor and rear panel. Delivered with demountable or break-out blanking plates.
- Cooling:
 - Passive cooling by ventilation slots and by sharing heat with environment via chassis.
- Earthing:
 - M8-Earthing point in the rear of the cabinet.
 - FastOn-Earthing-connections to all dismountable parts pre-installed.
- Included assembly materials:
 - 8 x Cage nuts, screws and washers M6.
 - 4x dowel 10x50 and 4x screws M6x50 for fixing to the wall.
- Wide range of available accessories (patchpanels, fixed shelves, PDUs, etc.).
- Enclosure is delivered fully-assembled.

IP30

■ Data Enclosures Wallmounting 10''

■ DIMENSIONS



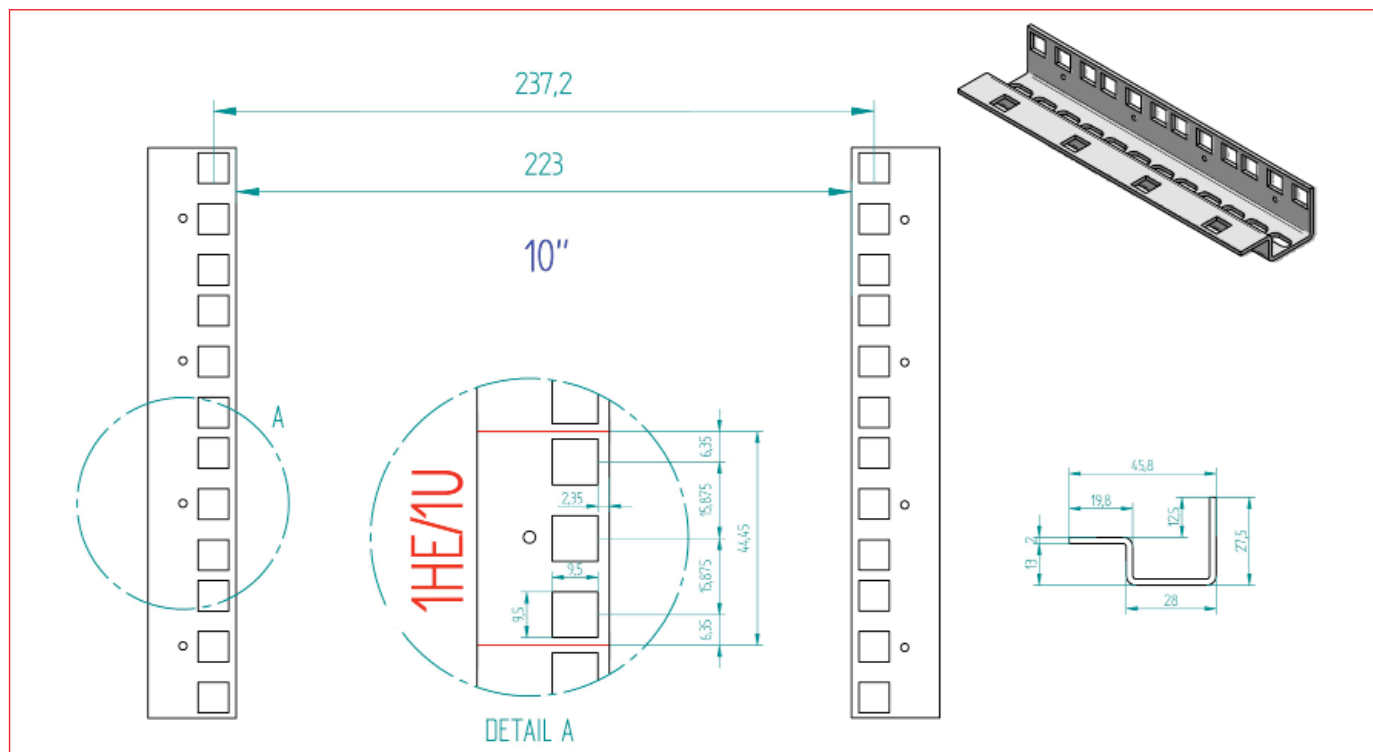
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	R1 [mm]	R2 [mm]	1)	2)	3)	4)
DV610004-A	248	169	255	310	260	212	212	20	IP30	5,5	5,4
DV610006-A	337	258	255	310	260	301	212	20	IP30	6,9	6,9
DV610009-A	470	391	255	310	260	434	212	20	IP30	8,3	8,2

- 1) Maximum load / kg
- 2) Degree of protection
- 3) Weight Brutto / kg
- 4) Weight Netto / kg

Data Enclosures Wallmounting 10''

■ Data Enclosures Wallmounting 10''

■ DRAWING OF THE VERTICAL 10''-PROFILE-RAILS



DESCRIPTION	AVAILABLE	ORDER NO.
Data Enclosures Wallmounting D=260mm		
Network Enclosure Wallmounting DV, W=310 x H=248 x D=260mm, 10'', 4U, RAL7035		DV610004-A
Network Enclosure Wallmounting DV, W=310 x H=337 x D=260mm, 10'', 6U, RAL7035		DV610006-A
Network Enclosure Wallmounting DV, W=310 x H=470 x D=260mm, 10'', 9U, RAL7035		DV610009-A

Accessories



IU071000-A










IU070122



HSER0120GS



HSERG106GV

DESCRIPTION	AVAILABLE	ORDER NO.
Shelf		
10" Shelf Fix, D=150mm, Low Profile, RAL7035		IU071000-A
10" DIN-rail panel, 3U, RAL7035		DAB34812
Power Distribution Units - PDUs		
10" PDU, 3xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070122
10" PDU, 3x UTE, Profile ALU 1U, 2m-connector cable, RAL7035		IU070123
Networking Patchpanels		
Patchpanel 10" empty for 12 modules (SFA)(SFB), 1U, RAL7035		HSER0120GS
DE-EMBEDDED LINE Patchpanel 10" 10xRJ45 shielded, Cat.6, 1U, RAL7035		HSERG106GV
Accessories		
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025



Order no. blue: on stock, usually ready for delivery on the day of order!

NETWORK

*„It would be a weak inside if the outer frock must lift it:
the inner core shall lift the outer shell.“*

Meister Eckhart



Circuit 2 ● ● ●

2.77 kW 230V
50 Hz 15°
P 12,5A
1586,9kWh



Ethernet

● Power
● Reset
● S1



ENCLOSURE ACCESSORIES



IT METER LINE Power Distribution Units - PDUs Passive



IU070126



IU070124



IU070114



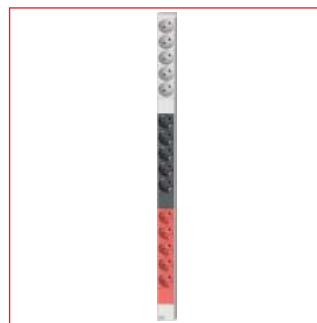
IU070112



IU070116



IU070111



HSMPPS15



HSMPP318




HSMPP312

Schrack-Info

- Color: RAL7035 (lightgrey)
- Standard connecting cable 2,0m (IU070112: 3,0m)
- Overvoltage Protection (only IU070126/IU070113/IU070118):
 - Class: Typ 3
 - 1.8 kV

IT METER LINE Power Distribution Units - PDUs Passive

DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Passive 19", ALU, 1U		
19" PDU, 9xSchuko, Profile ALU 1U, 2m-connector cable, RAL7035		IU070114
19" PDU, 8xSchuko with On/Off-Switch, Profile ALU 1U, 2m-connector cable, RAL7035		IU070124
19" PDU, 8xSchuko with overvoltage protection, Profile ALU 1U, 2m-connector cable, RAL7035		IU070126
19" PDU, 6xSchuko with overvoltage protection and line- and frequency- filter, ALU 1U, 2m cable,RAL7035		IU070118
19" PDU, 6xSchuko with RCBO BO217516, Profile ALU 1U, 3m-connector cable, RAL7035		IU070112
19" PDU, 12xIEC C13, Profile ALU 1U, 2m-connector cable, black		IU070116
19" PDU for UPS, 8x Schuko Red, 1x Fuse 10A, Profile ALU 1U, 2m-connector cable with IEC connector C14, RAL7035		IU070130
19" PDU for UPS, 8x UTE Red, 1x Fuse 10A, Profile ALU 1U, 2m-connector cable with IEC connector C14, RAL7035		IU070131
Power Distribution Units - PDUs Passive 19", PVC, 1.25U		
19" PDU, 8xSchuko, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070109
19" PDU, 7xSchuko with On/Off-Switch, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070107-B
19" PDU, 7xSchuko with overvoltage protection, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070113
19" PDU, 8xUTE, Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070110
19" PDU, 7xUTE with On/Off-Switch , Profile PVC 1.25U, 2m-connector cable, RAL7035		IU070111
Power Distribution Units - PDUs Passive Vertical Installation		
IT METER LINE PDU Passive, IN: 1xC EE Plug 16A Red, OUT: 15xSchuko Socket Outlets, 821x44x47mm		HSMPPS15
IT METER LINE PDU Passive, IN: 1xC EE Plug 16A Red, OUT: 18xC13 Socket Outlets, 821x44x47mm		HSMPP318
IT METER LINE PDU Passive, IN: 1xC EE Plug 16A Red, OUT: 12xC13 Socket Outlets, 6x Schuko Socket Outlets, 821x44x47mm		HSMPP312
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266



Order no. blue: on stock, usually ready for delivery on the day of order!

IT METER LINE Power Distribution Units - PDUs Active Metered Plus











HSMPE06

Schrack-Info

IT METER LINE is the intelligent energy management system with a measurement accuracy of +/- 1%. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP.

TECHNICAL DATA

- Integrated measurement of: current, effective power, voltage, frequency, phase angle and energy.
- Indication on illuminated LCD.
- Resettable energy meter (stores latest value even when no power connected).
- Precision +/- 1%.
- End caps riveted and do not open.
- Includes mounting brackets and screws.
- Plastic, light grey, aluminium profile silver

DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Metered Plus 19"		
IT METER LINE PDU with integrated Power Metering, 8xSchuko, ALU-Profile, 19", 1U, RAL7035		HSMPE06
IT METER LINE PDU with integrated Power Metering, 12xC13, ALU-Profile, 19", 1U, RAL7035		HSMPE308
IT METER LINE PDU with integrated Power Metering, 8xUTE, ALU-Profile, 19", 1U, RAL7035		HSMPEU06
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266

IT METER LINE Power Distribution Units - PDUs Active Monitored



HSMPMS06







Schrack-Info

IT METER LINE is the intelligent energy management system with a measurement accuracy of $\pm 1\%$. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Monitored upgrade modules are used to upgrade intelligent modules in an existing power distribution system. Simple integration reduces the work and costs involved in installation to a minimum. Upgrade modules can be supplied with both integrated Ethernet interface and Power Line communications adaptor. The Power Line modules further simplify integration by reducing the cabling required.

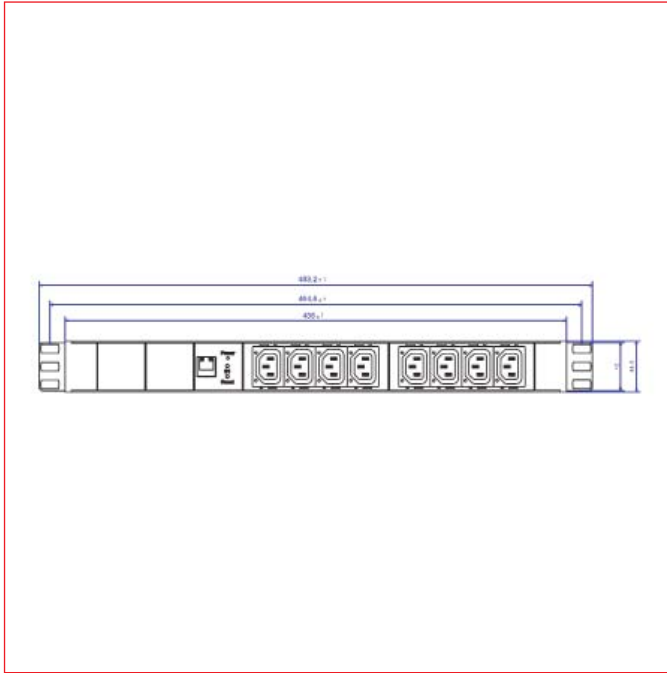
TECHNICAL DATA

- Integrated measurement of current, voltage, frequency, effective-, apparent- and reactive- power and power factor.
- Integrated Ethernet connection.
- Operated via a web browser.
- Supported protocols include: HTTP; SNMP.
- Integrated temperature sensor.
- Up to two sensors can be connected.
- Very compact design (W x D: 44 mm x 47 mm).
- Robust aluminium housing
- High-resolution OLED display
- Display can be rotated for easier readability by means of software.

IT METER LINE Power Distribution Units - PDUs Active Monitored

DESCRIPTION	AVAILABLE	ORDER NO.
Power Distribution Units - PDUs Monitored 19''		
IT METER LINE PDU with integrated Power Metering, 6xSchuko, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035		HSMPM506
IT METER LINE PDU with integrated Power Metering, 8xC13, Ethernet-Connection, 2 Sensors optional, ALU-Profile, 19", 1U, RAL7035		HSMPM308
Power Distribution Units - PDUs Monitored Vertical Installation		
IT METER LINE PDU with integrated Power Metering, 3-phases, IN: CEE, OUT: 3x6xC13 + 6xC19, Ethernet-Connection, 2 Sensors optional, ALU-Profile, L=1.800mm		HSMPM336
Sensors for Power Distribution Units - PDUs Monitored		
IT METER LINE Sensor Temperature for HSMPM... PDUs		HSMST
IT METER LINE Combined Sensor Temperature and Humidity for HSMPM... PDUs		HSMSTF
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266

IT METER LINE Power Distribution Units - PDUs Active Switched



HSMPS308

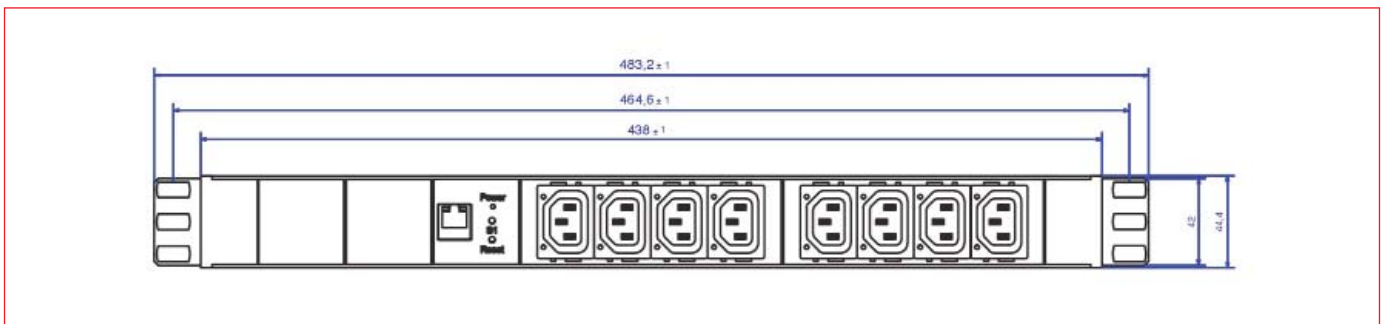
Schrack-Info

IT METER LINE is the intelligent energy management system with a measurement accuracy of $\pm 1\%$. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Switched PDUs can execute a Hardware-Reset of the connected devices by switching off and on the power.





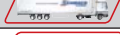

TECHNICAL DATA

- Socket outlets can be switched individually.
- Safe zero-voltage switching.
- Integrated LED switching status check per port.
- Integrated Ethernet connection.
- Operated via a web browser.
- Supported protocols include: HTTP, HTTPS, SNMP, SMTP, NTP, SSH.
- Robust aluminium housing.

DIMENSIONS



IT METER LINE Power Distribution Units - PDUs Active Switched

DESCRIPTION	AVAILABLE	ORDER NO.
Locking Caps		
IT METER LINE Locking Cap white Schuko 5pcs plus Key 3pcs		HSMZSK--05
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266

IT METER LINE Power Distribution Units - PDUs Active Managed



HSM324

Schrack-Info

IT METER LINE is the intelligent energy management system with a measurement accuracy of +/- 1%. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centre mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Managed PDUs can execute a Hardware-Reset of the connected devices by switching off and on the power.






TECHNICAL DATA

- Socket outlets can be switched individually.
- Safe zero-voltage switching.
- Integrated LED switching status check per port.
- Integrated Ethernet connection.
- Operated via a web browser.
- Integrated measurement of: current, effective power, voltage, frequency and phase angle.
- Supported protocols include: HTTP, HTTPS, SNMP, SMTP, NTP, SSH.
- Robust aluminium housing.
- Illuminated LCD.

DIMENSIONS



IT METER LINE Power Distribution Units - PDUs Active Managed

DESCRIPTION	AVAILABLE	ORDER NO.
Locking Clips and Cables C13		
IT METER LINE Locking Clips Red for C13 Socket Outlets, 12 pieces		HSMZ3V--12
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 0.5m		HSMZ33005
IT METER LINE IEC C13 Extension Cord for Locking Clip, black, 1.0m		HSMZ33010
C13 Extension Cords Standard		
IEC C13 Extension Cord, black, 1.8m		Q7130256
IEC C13 Extension Cord, black, 3.0m		Q7130266



IT METER LINE Power Unit for Datacenters



HSM PUC04



HSM PUC04



HSM PUZ40

Schrack-Info

IT METER LINE is the intelligent energy management system with a measurement accuracy of +/- 1%. Measurement on the neutral conductor also provides increased safety. Alarm values for current, voltage and the phase angle can be individually set for early detection of physical sources of danger. Temperature sensors or humidity sensors can also be connected. Many IT METER LINE Network series products have an integrated Ethernet interface and can be connected to monitoring systems via SNMP. The data centers mains supply is monitored and remotely controlled from the comfort of your desk. Data centre availability is increased, down times are minimized and costs are cut. Current, voltage and power are monitored. This allows resources to be planned efficiently and alarms to be issued in the event of a fault. The Active Power Unit offers a modular platform for power distribution in data centers. The Power Unit basic unit provides power distribution in the rack. If required, the measurement module can be upgraded or replaced during operation without interruption to the supply.

TECHNICAL DATA

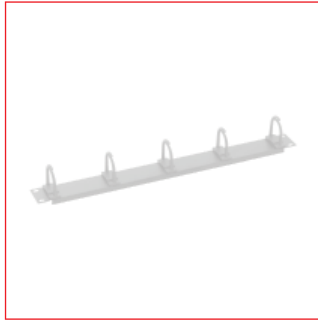
- Integrated measurement of: current, effective power, voltage, frequency and phase angle.
- Two galvanically isolated power supply units.
- Integrated Ethernet connection.
- Can be operated by web browser, SNMP or serial interface.
- Can optionally also be controlled by ModBus TCP (on request).
- Supported protocols include: HTTP, HTTPS, SNMP, SMTP, NTP, SSH.
- Robust enclosure in steel plate.
- Illuminated LC display.
- Measurement module can be swapped in use without interruption to supply.

DESCRIPTION	AVAILABLE	ORDER NO.
Power Unit 19"		
IT METER LINE Power Unit Chassis, IN: 2xCEE Red 16A/400V, OUT: 4xCEE Red 16A/400V,3Phases		HSM PUC04
IT METER LINE Power Unit Measuring Module 16-32A/400V, Power Metering, Ethernet-Connection		HSM PUZ40



Order no. blue: on stock, usually ready for delivery on the day of order!

▀ Cable Management Panels 19"



DBS14805



DBK14805



DBK14806



DBC14805



HDBS148051



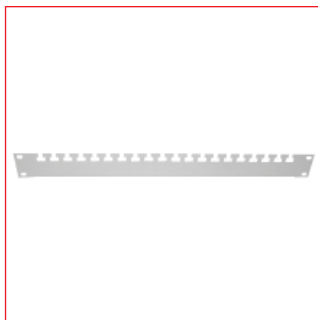
HDBS148053

▀ Schrack-Info

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- Heights: 1 and 2U.
- Recommended use in:
 - Wallmounting Enclosures: DBS14805, DBS14806.
 - Freestanding Enclosures: DBK14805, DBC14805, HDBS148051, HDBS148053.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cable management panel, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14805
19" Cable management panel with 4 openings, 5 small plastic-rings 40x53mm, 1U, RAL7035		DBS14806
19" Cable management panel, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14805
19" Cable management panel with 4 openings, 5 big plastic-rings 40x83mm, 1U, RAL7035		DBK14806
19" Cable management panel, 5 big metal rings 80x40mm, 1U, RAL7035		DBC14805
19" Cable management panel with cable trunk 1 sided, 1U, RAL7035		HDBS148051
19" Cable management panel with cable trunk 1 sided, 2U, RAL7035		HDBS148053

▀ Cable Management



DBO14200



DBO14201



HSERZKB025

▀ Schrack-Info

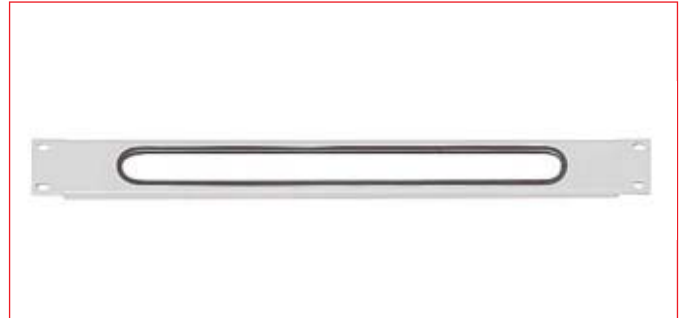
- Back-to-Back cable-ties are used for bundling of installation-cables and offer the advantage of re-opening and re-closing several times. Standard cable-ties are used to fix cables to patchpanels, management-panels, etc.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cableguide panel for installation cable, 1U, RAL7035		DBO14200
19" Cable-management panel 170x150mm for installation to 19"-verticals		DBO14201
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025

■ Cable Entry Panels 19"



DBB14802



DBB14820-A

■ Schrack-Info

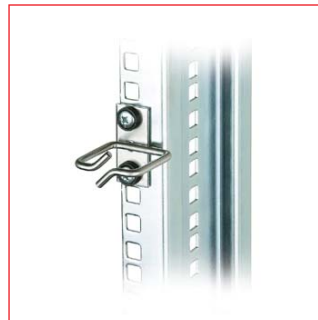
- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- Height: 1U.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cable entry panel with brush, 1U, RAL7035		DBB14802
19" Cable entry panel, 1U, RAL7035		DBB14820-A

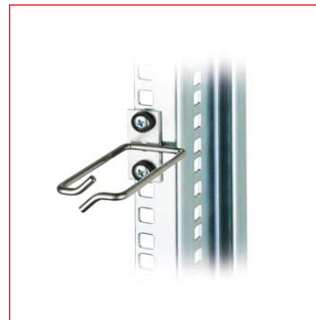
■ Cable Organizers



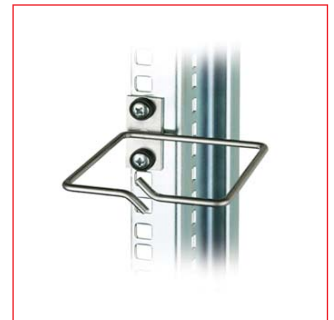
DBKOXXXX



DBKO4040



DBKO4080



DBKO8080

■ Schrack-Info

- Round Steel
- For vertical cable-management
- Mounted to 19" vertical rails
- Recommended use in:
 - Wallmounting Enclosures: DBKO4040
 - Freestanding Enclosures: DBKO4080 and DBKO8080
- Included assembly materials: 2x cage nuts, bolts and washers M6

DESCRIPTION	AVAILABLE	ORDER NO.
Cable Organizer Metal 40x40mm for mounting to 19"-rail		DBKO4040
Cable Organizer Metal 40x80mm for mounting to 19"-rail		DBKO4080
Cable Organizer Metal 80x80mm for mounting to 19"-rail		DBKO8080



Order no. blue: on stock, usually ready for delivery on the day of order!

Vertical Cable Management Channels for DS- and DSZ-enclosures W=800mm

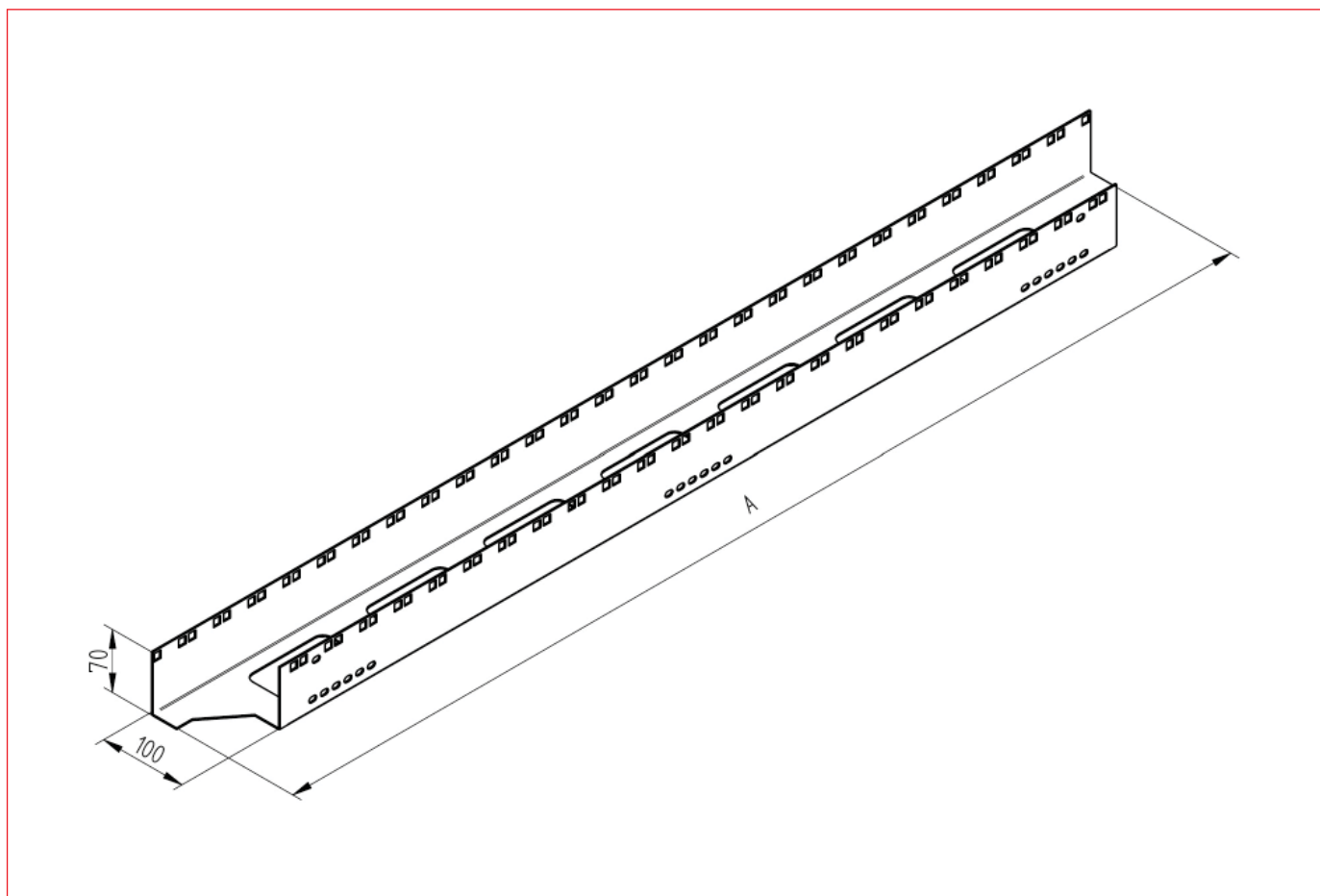


DSKV4280

Schrack-Info


- These vertical cable management channels are installed between the 19"-rail and the body of 800 wide DS-, DSZ-, DSI- enclosures. We recommend to fix it to the 19"-vertical profile-rail as well as to the body of the enclosure to increase stability. Cables can be fixed to it by use of cable-ties or PVC-cable-trunks can be fixed into the channel. Due to flexible construction, the channel can be installed on left and right side, front and rear and with openings to front or rear.
- Material: Steel sheet
- Heights: 15, 18, 22, 27, 32, 37, 42 and 45U
- U-shape profile 100 x 70mm

DIMENSIONS



	A [mm]
DSKV1580	667
DSKV1880	800
DSKV2280	978
DSKV2780	1200
DSKV3280	1422
DSKV3780	1645
DSKV4280	1867
DSKV4580	2000

Vertical Cable Management Channels for DS- and DSZ-enclosures W=800mm

DESCRIPTION	AVAILABLE	ORDER NO.
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 15U		DSKV1580
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 18U		DSKV1880
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 22U		DSKV2280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 27U		DSKV2780
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 32U		DSKV3280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 37U		DSKV3780
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 42U		DSKV4280
Cablemanagement vertical for 800 wide DS/DSZ/DSI-enclosure 45U		DSKV4580

Cable Entry






DBK24800



HDZA0002

Schrack-Info

- This roof cable entry with brush is used by replacing one 2U blindcover in the roof of SCHRACK freestanding enclosures IP30. The brush minimizes the entry of dust into the cabinet, while offering convenient cable-entry. For bigger cable-bundles, two cable-entry panels can be installed face-to-face.
- Powder coated steel sheet
- Color: RAL7035 (lightgrey)
- Height: 2 U
- Included assembly materials: 4x cage nuts, bolts and washers M6

DESCRIPTION	AVAILABLE	ORDER NO.
Brush-panel for cable-entry via roof of enclosures DS/DSZ/DSS, 2U, RAL7035		DBK24800
Brush insert for cable-entry via rearpanel of enclosures DS/DSZ, 370x90mm, self-adhesive, black		HDZA0002
Brush insert for cable-entry for wallmounting enclosure DW / HSATG, 300x70mm, self-adhesive, black		HDZA0003


Cablestorage 19"



DFC24844

Schrack-Info

- The Cablestorage is designed to store overlengths of datacables (copper and fiber optics).
- Installation:
 - Horizontally like a shelf.
 - Vertically on the 19" profile-rails (usually in the rear of the enclosure).
- Cableguides (included are 4 pieces each in 1U and 2U) are mounted around the middle opening and provide correct bending radius of the stored cables.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Cablestorage for Overlengths, horizontal or vertical installation, 1 or 2U, D=440mm, RAL7035		DFC24844



Order no. blue: on stock, usually ready for delivery on the day of order!

Blanking Panel 19"



DBO14803

Schrack-Info

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- Heights: 1 to 6U.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

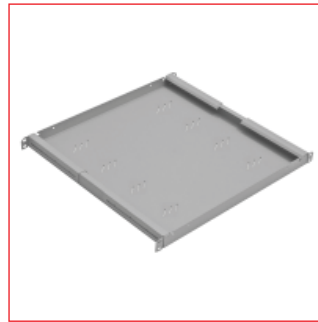
DESCRIPTION	AVAILABLE	ORDER NO.
19" Blanking panel 1U, RAL7035		DBO14801
19" Blanking panel 2U, RAL7035		DBO14802
19" Blanking panel 3U, RAL7035		DBO14803
19" Blanking panel 4U, RAL7035		DBO14804
19" Blanking panel 5U, RAL7035		DBO14805
19" Blanking panel 6U, RAL7035		DBO14806



Shelves Fixed 19"



DFS14845-C



DFS14845-C

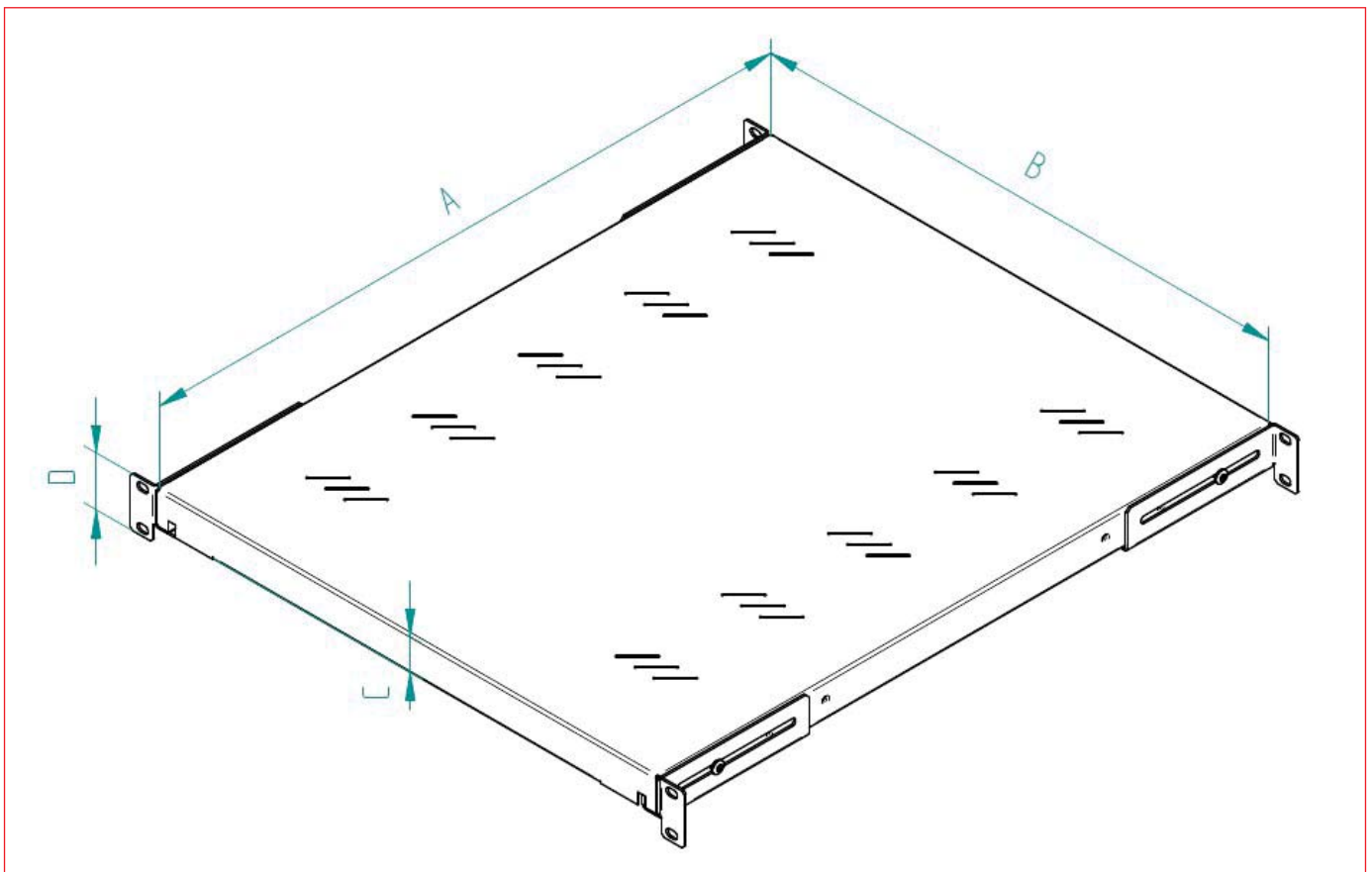


DFS14845-C

Schrack-Info










Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included from 350mm deep shelves.

DIMENSIONS



Shelves Fixed 19"

	A [mm]	B [mm]	C [mm]	D [mm]	Mounting brackets included	Maximum load [kg]
DFS14815-C	150	440	30	1U	2	15
DFS14825-C	250	440	30	1U	2	15
DFS14835-C	350	440	30	1U	4	50
DFS14845-C	450	440	30	1U	4	80
DFS14855-C	550	440	30	1U	4	80
DFS14865-C	650	440	30	1U	4	80
DFS14875-C	750	440	30	1U	4	80
DFS14885-C	850	440	30	1U	4	80
DFS14895-C	950	440	30	1U	4	80

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Fix, up to 15kg Load, D=150mm, 1U, RAL7035		DFS14815-C
19" Shelf Fix, up to 15kg Load, D=250mm, 1U, RAL7035		DFS14825-C
19" Shelf Fix, up to 50kg Load, D=350mm, 1U, RAL7035		DFS14835-C
19" Shelf Fix, up to 80kg Load, D=450mm, 1U, RAL7035		DFS14845-C
19" Shelf Fix, up to 80kg Load, D=550mm, 1U, RAL7035		DFS14855-C
19" Shelf Fix, up to 80kg Load, D=650mm, 1U, RAL7035		DFS14865-C
19" Shelf Fix, up to 80kg Load, D=750mm, 1U, RAL7035		DFS14875-C
19" Shelf Fix, up to 80kg Load, D=850mm, 1U, RAL7035		DFS14885-C
19" Shelf Fix, up to 80kg Load, D=950mm, 1U, RAL7035		DFS14895-C



Shelves Fixed Low Profile 19''

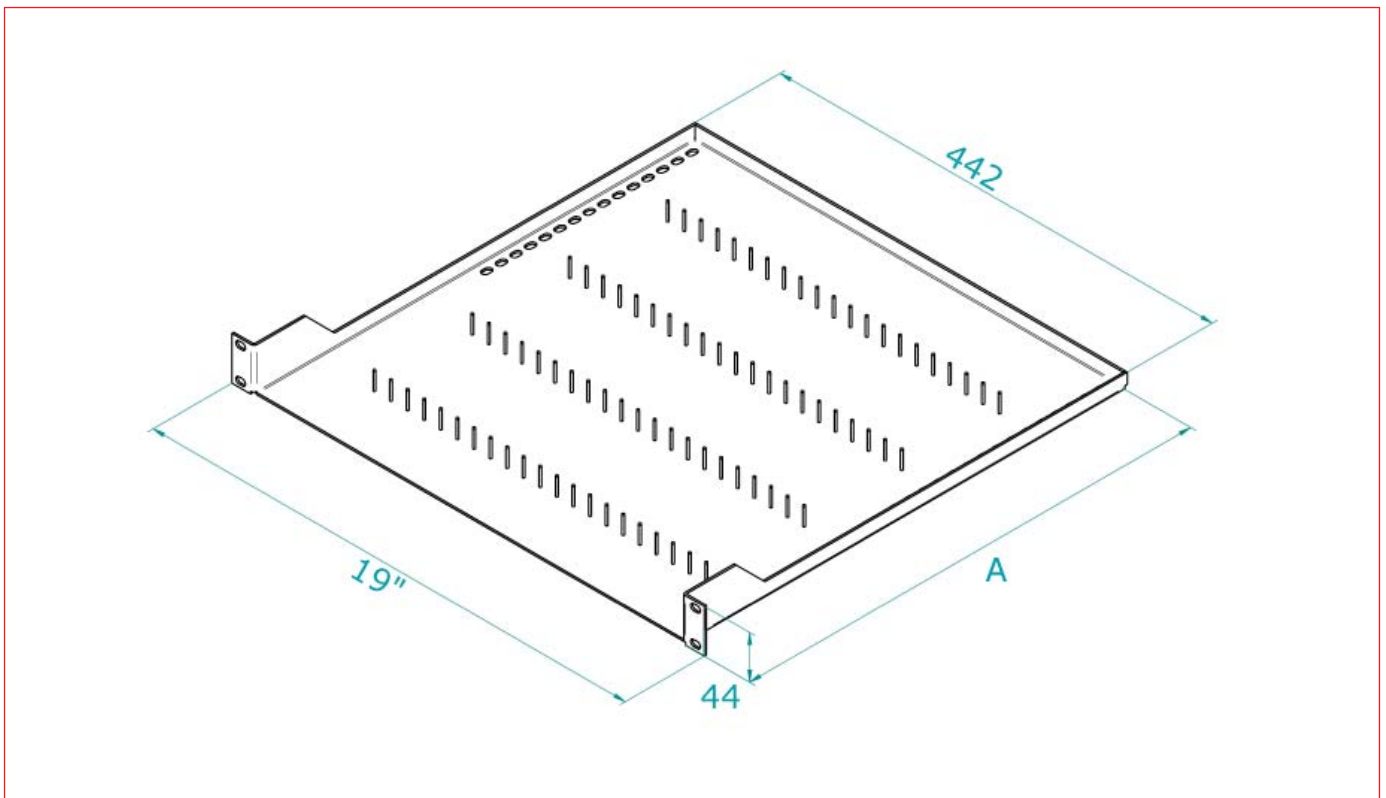


DFS14845-A

Schrack-Info

Shelves are used for equipment that has no 19''-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19''-vertical rails. Rear 19''-mounting brackets are included from 350mm deep shelves. Due to special U-shape construction of the Low Profile shelves, also the height, where the shelf is installed, can be used for components.

DIMENSIONS



	A [mm]	B [mm]	C [mm]	Mounting brackets included	Maximum load [kg]
DFS14815-A	150	442	44	2	15
DFS14825-A	250	442	44	2	20
DFS14835-A	350	442	44	4	40
DFS14845-A	450	442	44	4	40
DFS14855-A	550	442	44	4	40
DFS14865-A	650	442	44	4	40
DFS14875-A	750	442	44	4	40

DESCRIPTION	AVAILABLE	ORDER NO.
19'' Shelf Fix, up to 15kg Load, D=150mm, Low Profile, RAL7035		DFS14815-A
19'' Shelf Fix, up to 20kg Load, D=250mm, Low Profile, RAL7035		DFS14825-A
19'' Shelf Fix, up to 40kg Load, D=350mm, Low Profile, RAL7035		DFS14835-A
19'' Shelf Fix, up to 40kg Load, D=450mm, Low Profile, RAL7035		DFS14845-A
19'' Shelf Fix, up to 40kg Load, D=550mm, Low Profile, RAL7035		DFS14855-A
19'' Shelf Fix, up to 40kg Load, D=650mm, Low Profile, RAL7035		DFS14865-A
19'' Shelf Fix, up to 40kg Load, D=750mm, Low Profile, RAL7035		DFS14875-A



Order no. blue: on stock, usually ready for delivery on the day of order!

Shelves Fixed Heavy Duty 19"



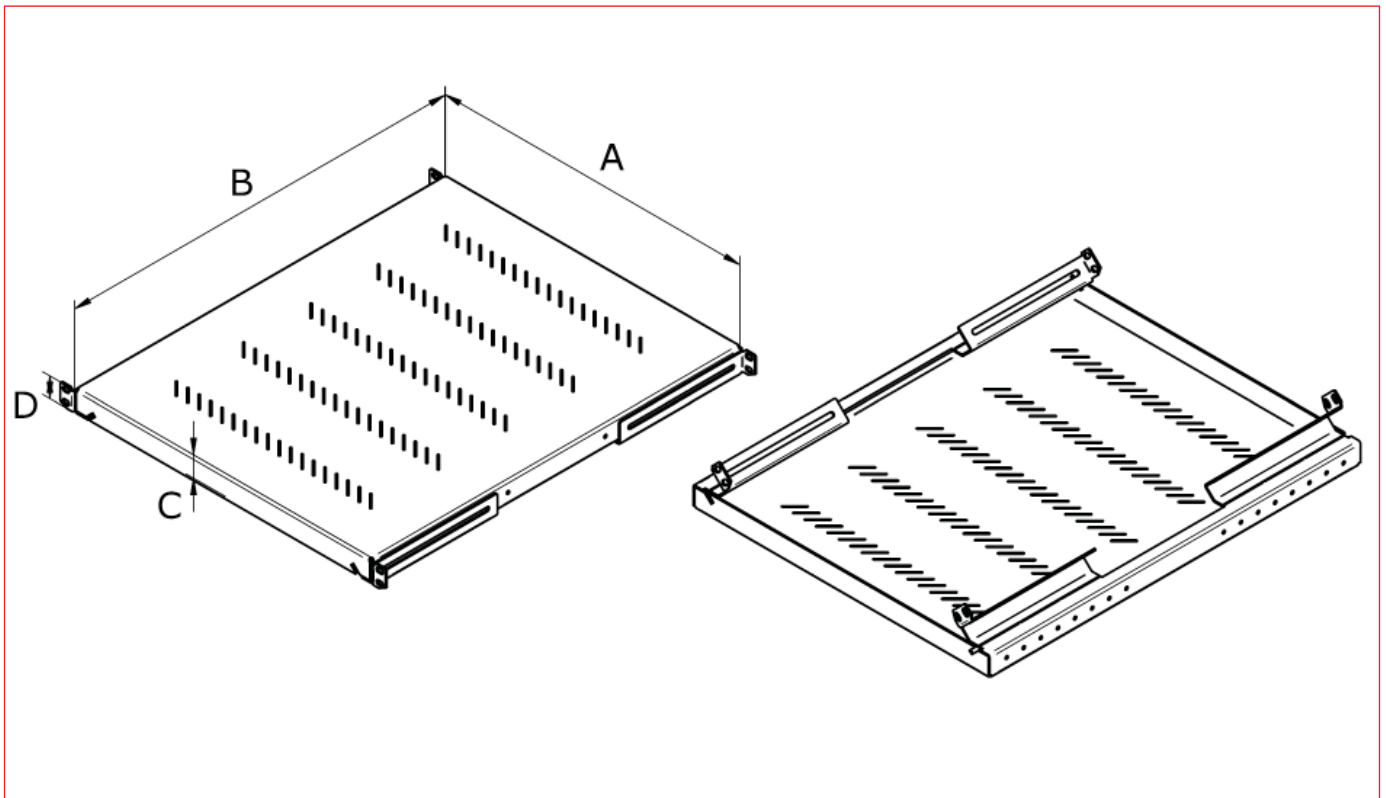
DFSS4865-A

Schrack-Info

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery. These heavy duty shelves offer a maximum load of 150 kg. Thus, they are used to place servers, UPS, battery packs or other very heavy equipment on it.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey).
- Perforated for optimized air-flow inside the cabinet.
- High load capability of 150 kg.
- Used height: 1U
- 100% of space between 19"-vertical rails can be used -> Width for equipment: 450mm.
- Flexible adjustable in depth:
 - Front side of shelf can be installed before or behind front 19"-vertical rails.
 - Back side of shelf can be installed behind or before rear 19"-vertical rails.
- Included assembly materials: 8x cage nuts, bolts and washers M6

DIMENSIONS



	A [mm]	B [mm]	C [mm]	D [mm]	Mounting brackets included	Maximum load [kg]
DFSS4845-A	450	440	30	1U	4	150
DFSS4855-A	550	440	30	1U	4	150
DFSS4865-A	650	440	30	1U	4	150
DFSS4875-A	750	440	30	1U	4	150
DFSS4885-A	850	440	30	1U	4	150
DFSS4895-A	950	440	30	1U	4	150

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Fix, Heavy Duty up to 150kg Load, D=450mm, 1U, RAL7035		DFSS4845-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=550mm, 1U, RAL7035		DFSS4855-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=650mm, 1U, RAL7035		DFSS4865-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=750mm, 1U, RAL7035		DFSS4875-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=850mm, 1U, RAL7035		DFSS4885-A
19" Shelf Fix, Heavy Duty up to 150kg Load, D=950mm, 1U, RAL7035		DFSS4895-A



Shelves Sliding 19"



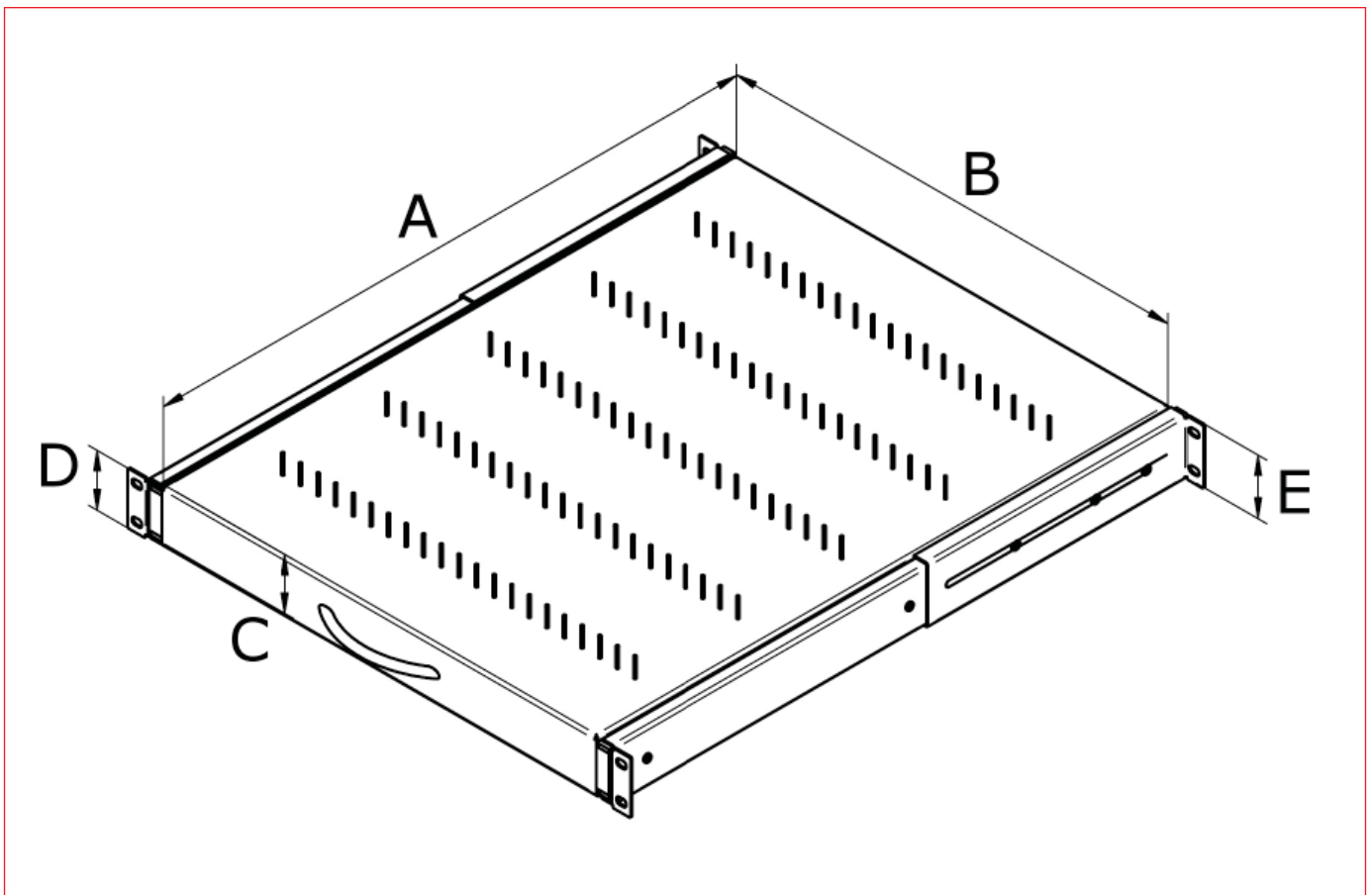
DFA14845

Schrack-Info

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery. These sliding shelves with full extension offer easy access to equipment on it.

- Powder coated steel sheet
- Full extension.
- Color: RAL7035 (lightgrey)
- Perforated for optimized air-flow inside the cabinet.
- High load capability of up to 45kg, depending on depth.
- Used height: 45 / 50mm, depending on depth.
- 100% of space between 19"-vertical rails can be used -> Width for equipment: 450mm.
- Rear 19"-mounting brackets are included in delivery.
- Included assembly materials: 8x cage nuts, bolts and washers M6

DIMENSIONS



	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	Mounting brackets included	Maximum load [kg]
DFA14835	350	410	45	45	45	4	30
DFA14845	450	410	45	45	45	4	30
DFA14855	550	419	50	50	53	4	45
DFA14865	650	419	50	50	53	4	45

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf Sliding with full extension, up to 30kg Load, D=350mm, 1U, RAL7035		DFA14835
19" Shelf Sliding with full extension, up to 30kg Load, D=450mm, 1U, RAL7035		DFA14845
19" Shelf Sliding with full extension, up to 45kg Load, D=550mm, 1U, RAL7035		DFA14855
19" Shelf Sliding with full extension, up to 45kg Load, D=650mm, 1U, RAL7035		DFA14865



Order no. blue: on stock, usually ready for delivery on the day of order!

Shelf for Keyboard 19"



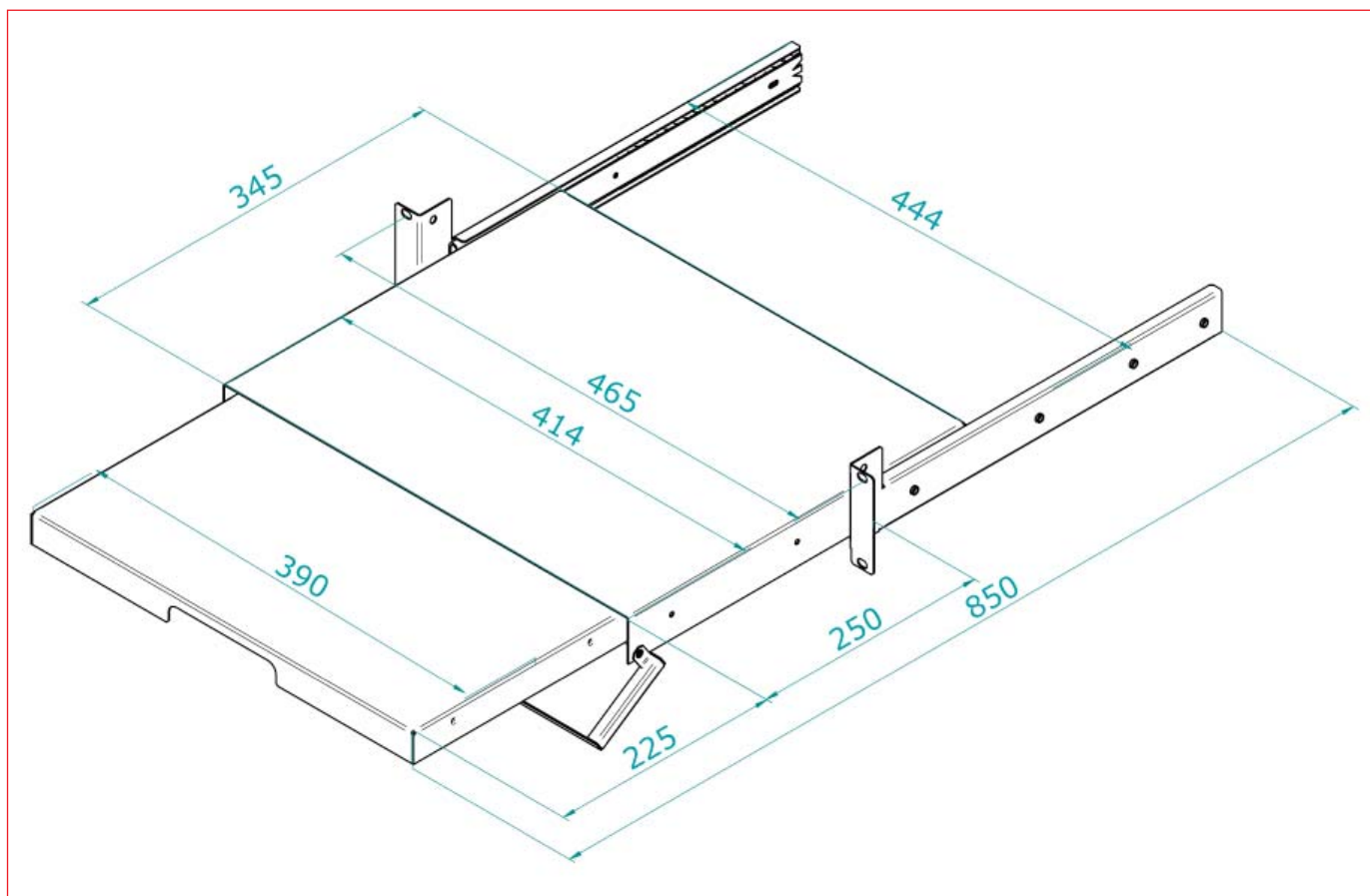
DFK24837


Schrack-Info

Shelves are used for equipment that has no 19"-installation possibility. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery. These sliding keyboard shelves are designed for comfortable use and storage of a keyboard and a computer mouse.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey)
- Load capability: 25kg.
- Pull-out mouse drawer.
- Lockable, two keys included.
- Used height: 2U.
- Width for equipment: 416mm.
- Rear 19"-mounting brackets are included in delivery.
- Included assembly materials: 8x cage nuts, bolts and washers M6.

DIMENSIONS



DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf for keyboard and mouse, up to 25kg Load, D=350mm, 2U, RAL7035		DFK24837

Shelf for documents 19"



DFA24835

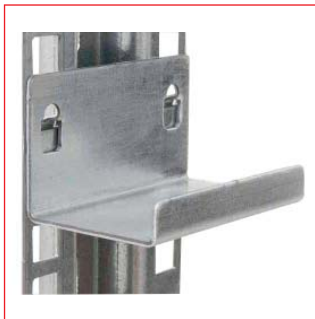
Schrack-Info

Document Shelves are used for storing documents or spare-parts. To increase stability and maximum possible load, we recommend 4-point (front and rear) fixing of the shelves to the 19"-vertical rails. Rear 19"-mounting brackets are included in delivery.

- Powder coated steel sheet
- Color: RAL7035 (lightgrey)
- Load capability: 25kg.
- Used height: 2U.
- Lockable, two keys included.
- Included assembly materials: 8x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf for storage of documents, lockable, up to 25kg Load, D=400mm, 2U, RAL7035		DFA24835

Shelf Holders



DFSZDS01



DFSZDS02



DFSZDW01

Schrack-Info

- DFSZDS01 can be installed into all SCHRACK network enclosures with depth 900, 1.000 or 1.200mm to the middle, vertical rail. This adapter is used as rear support of equipment with low depth or as an additional, middle support of equipment with big depth.
- DFSZDS02 can be installed into all SCHRACK network enclosures with depth 900, 1.000 or 1.200mm to the middle, vertical rail. This adapter is needed to install 19"-equipment to the middle, vertical rail.
- DFSZDW01 can be installed into all SCHRACK wallmounting network enclosures with fixed sidepanels (DWxx6040 and DWxx605D) in the backside and is used as rear support of 19"-equipment.

DESCRIPTION	AVAILABLE	ORDER NO.
19" Shelf holder set for middle 19"-rails of DS/DSZ/DSI/DSS-enclosures		DFSZDS01
19" Vertical holder set 1U for middle rail of 900/1.000/1.200mm deep freestanding-enclosure		DFSZDS02
19" Shelf holder for back of DW-enclosure with fixed sidepanel		DFSZDW01



Order no. blue: on stock, usually ready for delivery on the day of order!

Profile Rails vertical



DSPROF42



DSPROFMI42



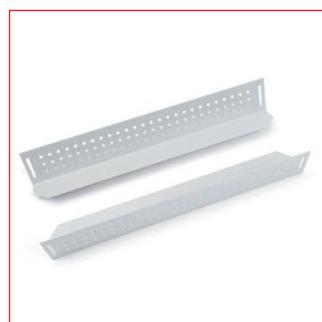
DSPROFNU

Schrack-Info

- These vertical profile rails fit to all SCHRACK network-enclosures with a maximum load of 400 kg (DW, DS, DSZ, DSI).
- In wallmounting enclosures DW with demountable sidepanels (DWxx6050, DWxx6060), the vertical profile rails can be used as a second pair. Thus equipment can also be fixed in the rear.
- In freestanding enclosures, it can be used as 3rd pair of rails.
- CAUTION: Vertical rails are sold per piece. Two pieces are usually needed (1 x left, 1 x right side).

DESCRIPTION	AVAILABLE	ORDER NO.
19" Profile rail 6U for DW-enclosures		DWPROF06
19" Profile rail 9U for DW-enclosures		DWPROF09
19" Profile rail 12U for DW-enclosures		DWPROF12
19" Profile rail 15U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF15
19" Profile rail 18U for DS-, DSZ-, DSI- and DW-enclosures		DSPROF18
19" Profile rail 21U for DW-enclosures		DWPROF21
19" Profile rail 22U for DS-, DSZ- and DSI-enclosures		DSPROF22
19" Profile rail 27U for DS-, DSZ- and DSI-enclosures		DSPROF27
19" Profile rail 32U for DS-, DSZ- and DSI-enclosures		DSPROF32
19" Profile rail 37U for DS-, DSZ- and DSI-enclosures		DSPROF37
19" Profile rail 42U for DS-, DSZ- and DSI-enclosures		DSPROF42
19" Profile rail 45U for DS-, DSZ- and DSI-enclosures		DSPROF45
19" Profile rail for installation in Middle, 42U for DS-, DSZ- and DSI-enclosures		DSPROFMI42
Numbering Stripe Pair self adhesive, 1 to 47U		DSPROFNU

Heavy Duty Rails



DBP10080

Schrack-Info

- Powder coated steel sheet.
- Color: RAL7035 (lightgrey).
- L-bracket for connection between front and rear 19" profile rail.
- Bracket height 88mm.
- Bracket width 70mm.
- 380mm version for DS enclosures with 600mm depth.
- 580mm version for DS enclosures with 800mm depth.
- 680mm version for DS enclosures with 900mm depth.
- 780mm version for DS enclosures with 1,000mm depth.

DESCRIPTION	AVAILABLE	ORDER NO.
Mounting Angle Pair for 600 deep DS/DSZ/DSI-enclosures, D=380mm		DBP10060
Mounting Angle Pair for 800 deep DS/DSZ/DSI-enclosures, D=580mm		DBP10080
Mounting Angle Pair for 900 deep DS/DSZ/DSI-enclosures, D=680mm		DBP10090
Mounting Angle Pair for 1.000 deep DS/DSZ/DSI-enclosures, D=780mm		DBP10100

Fan Units 19"



DLT24802

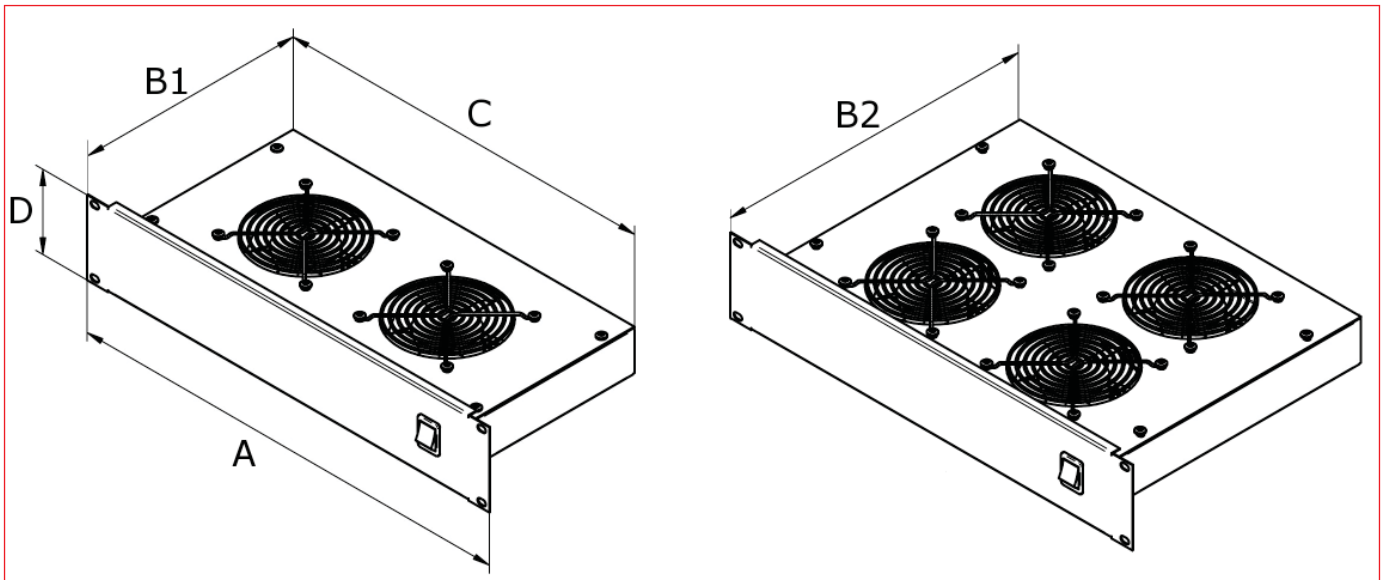


DLT24804

Schrack-Info

- Powder coated sheet steel
- Color: RAL7035 (lightgrey).
- On-/off switch included.
- Thermostat included: setting range +5 to +55° C.
- Fans: 220-240VAC, 50/60Hz, 160m3/h
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DIMENSIONS



	Fans	A [mm]	B1 [mm]	B2 [mm]	C [mm]	D [mm]
DLT24802	2	483	220	-	410	2U
DLT24804	4	483	-	320	410	2U

DESCRIPTION	AVAILABLE	ORDER NO.
19" Fan-unit with 2 fans and thermostat, 2U, RAL7035		DLT24802
19" Fan-unit with 4 fans and thermostat, 2U, RAL7035		DLT24804



Order no. blue: on stock, usually ready for delivery on the day of order!

Light Units



DV900330-A



DV900336-A



ASDSW010



DSADA001



DV900332

Schrack-Info

DV900330-A:

- Fastening by snap into 19" vertical rails.
- Fastening by magnet.
- Fastening by screw.
- Power supply unit 230VAC/50-60Hz.
- Service life: 10.000 hours.
- Light color: 4.300 K (cold white).

DESCRIPTION	AVAILABLE	ORDER NO.
Light unit, Installation on 19"-rails, by magnet or screwing		DV900330-A
Light unit LED, 700lm, Installation on 19"-rails, magnet or screwing, Energyefficiencyclass A		DV900336-A
Door switch		ASDSW010
Adapter for DS-, DSZ-, DSS-Enclosure and doorswitch ASDSW010		DSADA001
Cable for doorswitch in DS/DSZ/DSS-enclosures		DV900332

Light Units with connection to door contact



DV900337



DV900338

DESCRIPTION	AVAILABLE	ORDER NO.
Light unit LED, 315lm, magnet, external PSU 230VAC, without door-contact		DV900337
19" cover/holder for LED lighting unit DV900337, 1U, RAL7035		DV900338

Light Units without connection to door contact



IU008508



DV900300

DESCRIPTION	AVAILABLE	ORDER NO.
Compact cabinet light w. magnetic fastening, socket a. cover		IU008508
Connection cable to IU008508 / IU008513, 3 x 0.75mm ² , length 3.0m, black		DV900300



Din-Rail Panel



DAB34810



DAB34811






HSERH010GS



HSERH010GS

Schrack-Info

- Powder coated sheet steel
- Color: RAL7035 (lightgrey).
- Depth: 133,35mm.
- 45mm cutout for max. 22 modules with 18mm width.
- Rack space required: 3U.
- Included assembly materials: 4x cage nuts, bolts and washers M6.

DESCRIPTION	AVAILABLE	ORDER NO.
19" DIN-rail panel, 3U, RAL7035		DAB34810
19" DIN-rail panel with back-cover, 3U, RAL7035		DAB34811
DIN-rail adapter empty for 1 module (SFA)(SFB)		HSERH010GS


Pouch



ASDRA400

Schrack-Info

- Self-adhesive pouch for circuit diagrams, DIN A4 format.
- Color: grey.
- Dimension: W220 x H230 x D30mm.
- Material: thermal plastic.
- Packing unit: 1 pc. including fixing materials.

DESCRIPTION	AVAILABLE	ORDER NO.
Document pocket, self adhesive, DIN A4		ASDRA400

Other Accessories



DSSRA004



DV900333



DV900334



DSR00005-A



HDZS0010



HDZHI001



HSEKBK25HR

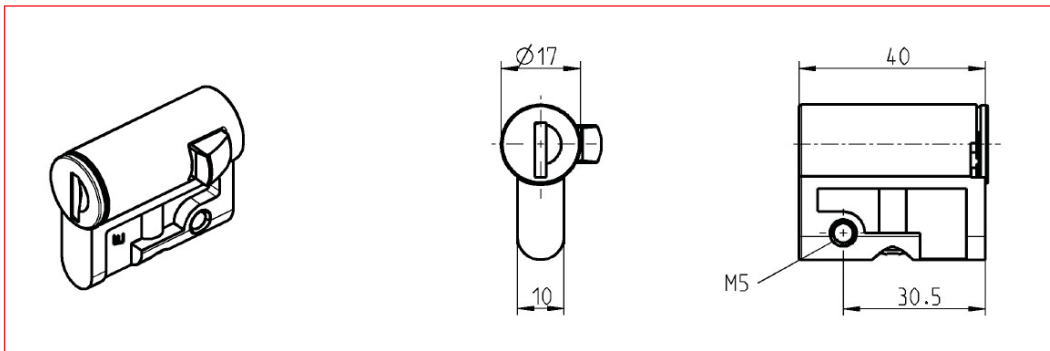


HSERZKB025

Schrack-Info

Connection kit DSRA0002: This connection kit is designed to connect two network enclosures DS.

DIMENSIONS



DESCRIPTION	AVAILABLE	ORDER NO.
19" Mounting set M6, 4 pcs. each: screw, nut, washer		DSSRA004
19" Mounting set M6, 50 pcs. each: screw, nut, washer		DSSRA050
Half cylinder lock keyed EK 333 including 1 key		DV900333
Key 333 for half cylinder lock DV900333		DV900334
Half cylinder lock different keyed including 1 key		DV900335
Connection-Kit for joining together DS/DSZ- enclosures		DSRA0002
Castors (2 with brake, 2 without brake) for DS/DSZ/DSI-enclosure up to 800kg Load		DSR00005-A
Swinghandle prepared for halfcylinder for DS/DSZ-enclosure		HDZS0010
Hinge for Network enclosure DS/DSZ/DW, left-right, max. 15kg		HDZHI001
Cable Ties 100 x 2.5mm, nature/white, 1 PU= 25 pcs.		HSERZKB025

SAT Enclosures



HSATG432M



HSATG432M



HSATG432M



HDZA0003

Schrack-Info

To protect the distribution components of a SAT system against dust, lint or unwanted access they should be installed in a distribution board enclosure. A standard perforated mounting plate allows easy mounting without the need to drill holes.

The cables can be fed in from the top or the bottom of the enclosure, which allows maximum flexibility for the installation. The door offers three point locking system.

TECHNICAL DATA

- For the installation of multiswitches, cascade modules, amplifiers, etc.
- Perforated mounting plate
- 3-point locking door with key
- Cable entry from the top or the bottom
- RAL7035
- An optional brush type cover can be used to shield the cable inlets against dust and lint. An enclosure needs two brush covers (top / bottom).

DESCRIPTION	AVAILABLE	ORDER NO.
SAT Enclosures		
SAT Enclosure Steel, perforated Mountingplate, 3-Point lock, W300 x H400 x D200, RAL7035		HSATG432M
SAT Enclosure Steel, perforated Mountingplate, 3-Point lock, W400 x H400 x D200, RAL7035		HSATG442M
SAT Enclosure Steel, perforated Mountingplate, 3-Point lock, W600 x H600 x D200, RAL7035		HSATG662M
SAT Enclosure Steel, perforated Mountingplate, 3-Point lock, W600 x H800 x D200, RAL7035		HSATG862M
SAT Enclosure Steel, perforated Mountingplate, 3-Point lock, W800 x H800 x D200, RAL7035		HSATG882M
Brush insert		
Brush insert for cable-entry for wallmounting enclosure DW / HSATG, 300x70mm, self-adhesive, black		HDZA0003

 Data Homecabinets



DW4HD108



DW4HD108



DW4HD226



DW4HD226



DW4HD226



DW4HD344



DW4HD344

■ Data Homecabinets

■ Schrack-Info

The Data Homecabinets DW4HD are designed to accomplish the needs in private flats and private single- or Multi-family houses.

All incoming Multimedia cables which enter the private flat or house (for Telephony, TV, Internet, Audio/Video Intercom Systems, Smart Home Control, ...) are guided into the Data Homecabinet and terminated to the corresponding TOOLLESS LINE module, which is clipped into an empty port.

Active devices, like Internet Router, Ethernet Switch, WLAN-Access-Point, Fiber Optic Converter, Smart Home Server, were fixed to the mounting plate of the Data Homecabinet and connected (patched) to the corresponding TOOLLESS LINE module by use of short patchcords (see SCHRACK catalogue Network Technology K-DATA). For the different applications, like Internet (ADSL or via cable-provider), TV (terrestrial or SAT), Telephony, Audio/Video Intercom Systems, etc. there are different TOOLLESS LINE modules available. RJ45 (shielded/unshielded, Cat.5e/Cat.6/Cat.6A 10GB), Koax (F) and Fiber Optic (LC-Duplex, SC-Simplex). Details can be found in article list at the end of the datasheet and in SCHRACK catalogue Network Technology K-DATA.

An essential feature of these Data Homecabinets is their Flexibility, their Modularity and the Combinability with the SCHRACK Power Distribution Homecabinets DW4HE.

Flexibility: The Homecabinets are typically designed for surface mounting. For flush mounting the Combiframes DW4HR are available.

Modularity: The Homecabinets are available in 3 heights of 166, 333 and 500mm. Cabinet width (500mm) and cabinet depth (110mm) are the same in all dimensions. The dimensions of the Data Homecabinets are exactly the same as with the Power Distribution Homecabinets.

Combinability: A Data Homecabinet and a Power Distribution Homecabinet can be mounted side-by-side (up / down) by use of the baying-kit DW4HZAK1. Break-out cable-entries are provided. Because of the modularity, e.g. a 333mm high Data Homecabinet (DW4HD226) and a 166mm high Power Distribution Homecabinet (DW4HE122) can be connected. For flush mounting, the 500mm high combiframe (DW4HR3) is used.

Break-out cable entries are available on top, bottom and both sides of the Homecabinets available. Thus the composition of larger groups of this Homecabinets series is possible.

Door and mounting plate are made from plastic. Together with the large rear opening, it allows the installation of Wireless LAN (WiFi) Routers or Access points and ensure that the air-signal is not blocked.

The mounting plate is offset from the back wall. So devices can be installed on rear of the mounting plate and cannot be touched from the front. For example, a fiber optic splice tray can be mounted in the rear and is protected from direct access. Internet router, Ethernet switches, etc. are mounted on the front of the mounting plate and thus accessible to the end user for patching. Mounting of the devices on the plastic mounting plate by means of self-tapping screws (not included) is quick and easy.

The doors of the Homecabinets are raised upward to ensure the necessary bending radius of the patchcords.

Perforation on the sides of the door allows passive cooling of the installed active devices.

Hinged side panels: The side panels on both sides of the Data Homecabinet are hinged and thus allowing quick and easy installation of the terminating connectors (TOOLLESS LINE modules, 230V power sockets).

Empty ports for TOOLLESS LINE modules: The cables brought into the Data Homecabinet are terminated to a SCHRACK TOOLLESS LINE module (form factor SFA or SFB), which is snapped into one of the 8 to 44 empty ports.

Power supply: Opposite to the left set of empty data / multimedia ports, there are empty ports for 230VAC power sockets on the right side of the Data Homecabinet. Depending on cabinet size, there is mounting possibility for 1-4 piece 230VAC outlets. The number of possible outlets results from the number of 10" opening, optionally equipped with one 10" -PDU with 3 sockets or 3 single sockets and, depending on the cabinet type, an existing additional single-socket opening.

Data Homecabinets

TECHNICAL DATA

Use:

- Indoors
- The enclosure can be mounted on the wall or inserted in a recess in the wall (flush mounted).

Material:

- Enclosure made of 1.0 mm sheet steel (welded) combined with 8 mm HDPE.
- Door made of 1.0 mm sheet steel combined with 1.5 mm PP-H.

Color: RAL9003 – signal white.

Protection category: IP20.

Maximum load:

- Home distribution enclosure: 20 kg evenly arranged.
- Door: 2 kg.

Mounting (separate or combined):

- Wall mounted: Separate or combined on top/below or left/right.
- Flush mounted: Separate using a combination frame or combined on top/below using a combination frame.







Stackable: Baying kit DW4HZAK1.

Combines with: DW4HE series home enclosures.

Earthing:

- Main earthing point M8 bolt at the bottom of the enclosure.
- An earth wire connects the door and the enclosure.

Environmental protection: All parts are made of recyclable materials.

DESCRIPTION	AVAILABLE	ORDER NO.
Data Homecabinet, 1-row, up to 8x TOOLLESS LINE modules (SFA/SFB), up to 1x socket 230V, W=500 x H=166 x D=110mm, IP20, RAL9003 Signalwhite		DW4HD108
Data Homecabinet, 2-row, up to 26x TOOLLESS LINE modules (SFA/SFB), up to 3x socket 230V, W=500 x H=333 x D=110mm, IP20, RAL9003 Signalwhite		DW4HD226
Data Homecabinet, 3-row, up to 44x TOOLLESS LINE modules (SFA/SFB), up to 4x socket 230V, W=500 x H=500 x D=110mm, IP20, RAL9003 Signalwhite		DW4HD344
Data Homecabinet, 1-row, up to 8x TOOLLESS LINE modules (SFA/SFB), up to 1x socket 230V, W=500 x H=166 x D=110mm, IP20, RAL9003 Signalwhite, designed for WLAN-router, flat door		DW4HD108F
Data Homecabinet, 2-row, up to 26x TOOLLESS LINE modules (SFA/SFB), up to 3x socket 230V, W=500 x H=333 x D=110mm, IP20, RAL9003 Signalwhite, designed for WLAN-router, flat door		DW4HD226F
Data Homecabinet, 3-row, up to 44x TOOLLESS LINE modules (SFA/SFB), up to 4x socket 230V, W=500 x H=500 x D=110mm, IP20, RAL9003 Signalwhite, designed for WLAN-router, flat door		DW4HD344F



Order no. blue: on stock, usually ready for delivery on the day of order!

Power distribution Homecabinet



DW4HE122



DW4HE122



DW4HE222



DW4HE222



DW4HE322



DW4HE322



DW4HE122



DW4HE122

Schrack-Info

The Power Distribution Homecabinets DW4HD are designed to accomplish the needs in private flats and private Single- or Multi-family houses. An essential feature of these Power Distribution Homecabinets is their Flexibility, their Modularity and the Combinability with the SCHRACK Data Homecabinets DW4HD.

Flexibility: The Homecabinets are typically designed for surface mounting. For flush mounting the Combiframes DW4HR are available.

Modularity: The Homecabinets are available in 3 heights of 166, 333 and 500mm. Cabinet width (500mm) and cabinet depth (110mm) are the same in all dimensions. The dimensions of the Power Distribution Homecabinets are exactly the same as with the Data Homecabinets.

Combinability: A Power Distribution Homecabinet and a Data Homecabinet can be mounted side-by-side (up / down) by use of the baying-kit DW4HZAK1. Break-out cable-entries are provided. Because of the modularity, e.g. a 333mm high Power Distribution Homecabinet (DW4HE222) and a 166mm high Data Homecabinet (DW4HD108) can be connected. For flush mounting, the 500mm high combiframe (DW4HR3) is used.

Break-out cable entries are available on top, bottom and both sides of the Homecabinets available. Thus the composition of larger groups of this Homecabinets series is possible.

Removable door: The hinges allow a quick and easy demounting of the door.

Power distribution Homecabinet

TECHNICAL DATA

Use:

- Indoors
- The enclosure can be mounted on the wall or inserted in a recess in the wall (flush mounted).

Material:

- Enclosure made of 1.0 mm sheet steel (welded).
- Door made of 1.0 mm sheet steel.

Color: RAL9003 – signal white.

Protection category: IP30.

Maximum load:

- Home distribution enclosure: 20 kg evenly arranged.
- Door: 2kg.

Mounting (separate or combined):

- Wall mounted: Separate or combined on top/below or left/right.
- Flush mounted: Separate using a combination frame or combined on top/below using a combination frame.

Stackable: Baying kit DW4HZAK1.

Combines with: DW4HD series home data enclosures.

Earthing:

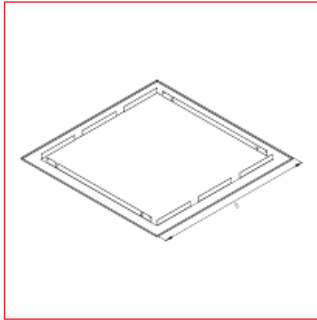
- Main earthing point M8 bolt at the bottom of the enclosure.
- An earth wire connects the door and the enclosure.

Environmental protection: All parts are made of recyclable materials.

DESCRIPTION	AVAILABLE	ORDER NO.
Power distribution Homecabinet, 1-row, up to 22 (1x22) modules, W=500 x H=166 x D=110mm, IP30, RAL9003 Signalwhite		DW4HE122
Power distribution Homecabinet, 2-row, up to 44 (2x22) modules, W=500 x H=333 x D=110mm, IP30, RAL9003 Signalwhite		DW4HE222
Power distribution Homecabinet, 3-row, up to 66 (3x22) modules, W=500 x H=500 x D=110mm, IP30, RAL9003 Signalwhite		DW4HE322
Power distribution Homecabinet, 1-row, up to 22 (1x22) modules, W=500 x H=166 x D=110mm, IP30, RAL9003 Signalwhite, flat door		DW4HE122F
Power distribution Homecabinet, 2-row, up to 44 (2x22) modules, W=500 x H=333 x D=110mm, IP30, RAL9003 Signalwhite, flat door		DW4HE222F
Power distribution Homecabinet, 3-row, up to 66 (3x22) modules, W=500 x H=500 x D=110mm, IP30, RAL9003 Signalwhite, flat door		DW4HE322F



Homecabinet Accessories



DW4HR2



DW4HR2



DW4HR2



DW4HZAK1

Schrack-Info

The combi frames serve as cover and for flushmount (FM) installation.












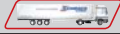




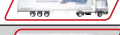

Material: Steel

Color: RAL9003 Signalwhite

Combinability: A Data Homecabinet and a Power Distribution Homecabinet can be mounted side-by-side (up / down) by use of the buying-kit DW4HZAK1.

Because of the modularity, e.g. a 333mm high Data Homecabinet (DW4HD226) and a 166mm high Power Distribution Homecabinet (DW4HE122) can be connected. As cover or for flush mounting, the 500mm high combiframe (DW4HR3) is used.

Homecabinet Accessories

DESCRIPTION	AVAILABLE	ORDER NO.
Combiframe		
Flushmount Combiframe for Homecabinet 1-row, W=556 x H= 224 x D=6mm, RAL9003 Signalwhite		DW4HR1
Flushmount Combiframe for Homecabinet 2-row, W=556 x H= 391 x D=6mm, RAL9003 Signalwhite		DW4HR2
Flushmount Combiframe for Homecabinet 3-row, W=556 x H= 568 x D=6mm, RAL9003 Signalwhite		DW4HR3
Flushmount Combiframe for Homecabinet 4-row, W=556 x H= 724 x D=6mm, RAL9003 Signalwhite		DW4HR4
Flushmount Combiframe for Homecabinet 5-row, W=556 x H= 891 x D=6mm, RAL9003 Signalwhite		DW4HR5
Flushmount Combiframe for Homecabinet 6-row, W=556 x H=1068 x D=6mm, RAL9003 Signalwhite		DW4HR6
Connection Kit		
Connection-Kit for Homecabinets		DW4HZAK1
Covers / Dust Protection		
Top-/Rear- cover / Dust protection for DW4Hx1..., W=500mm, RAL7035, eliminates accidently break out of cable entries when wallmounted		DW4HZCT
Sidecover / Dust protection for DW4Hx1..., H=166mm, RAL7035, eliminates accidently break out of cable entries when wallmounted		DW4HZCS1
Sidecover / Dust protection for DW4Hx2..., H=333mm, RAL7035, eliminates accidently break out of cable entries when wallmounted		DW4HZCS2
Sidecover / Dust protection for DW4Hx3..., H=500mm, RAL7035, eliminates accidently break out of cable entries when wallmounted		DW4HZCS3
Mounting Sets		
Side- Mountingset for DW4Hx1..., D=30mm, H=166mm, RAL7035, allows cabling behind the enclosure installed on/into the wall		DW4HZMS1
Side- Mountingset for DW4Hx2..., D=30mm, H=333mm, RAL7035, allows cabling behind the enclosure installed on/into the wall		DW4HZMS2
Side- Mountingset for DW4Hx3..., D=30mm, H=500mm, RAL7035, allows cabling behind the enclosure installed on/into the wall		DW4HZMS3
Top-/Down-Mountingpcs for DW4H, D=30mm, W=500mm, RAL7035, allows cabling behind the enclosure installed on/into the wall		DW4HZMT
Cable Entry / Dust Protection		
Cableentry / Dustprotection for DW4H top/rear, for mounting PG-glands		DW4HZET
Cable Trays		
Cable cover für cable-entry / Cable tray for DW4H top / down when wallmounted, W= 500mm, D=110mm		DW4HZE11
Cable cover für cable-entry / Cable tray for DW4H top / down when wallmounted, W= 500mm, D=140mm		DW4HZE14
Mounting plates		
Mounting plate PE-HD 300 natur, 8x280x141mm, Replacement plate for DW4HD108-- / DW4HD108F-		DW4HZMP1
Mounting plate PE-HD 300 natur, 8x280x308mm, Replacement plate for DW4HD226-- / DW4HD226F-		DW4HZMP2
Mounting plate PE-HD 300 natur, 8x280x475mm, Replacement plate for DW4HD344-- / DW4HD344F-		DW4HZMP3



Order no. blue: on stock, usually ready for delivery on the day of order!

Flushmount Combination Distribution Board



HS4WKV0004

Schrack-Info

Flushmount combi distribution board for flats with separate high and low voltage part. Left side with 4 rows, each with 12 module widths for electrical installations. Right side with mounting plate and DIN rail for Multimedia installations. Two Schuko connetors for connecting multimedia devices.

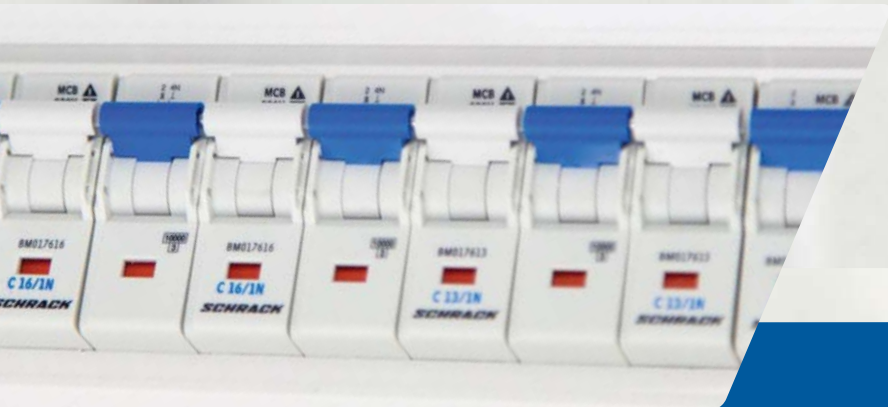
DESCRIPTION	AVAILABLE	ORDER NO.
Flushmount Combination Distribution Board		
Flushmount combination homecabinet, W595xH785xD116, RAL9010		HS4WKV0004

„Rejoice, whoever breathes this rosy light!“

Johann Christoph Friedrich von Schiller



APPENDIX ENCLOSURE



TO TECHNOLOGY

„The commodities of life often appear unenjoyable merely because they are hidden and must hide behind a rough shell, but the core still is granted.

Johann Christian Friedrich Hölderlin



Enclosure Material Overview

Sheet steel:

Steel is a low-cost, highly break-proof material with excellent protection properties. Steel enclosures can be used for many applications. The material thickness of our standard enclosures is between 1.20 and 2.0 mm.

Powder coating:

The standard colour of our powder-coated sheet steel enclosures is light grey (RAL 7035). The coating thickness is between 60 to 120µ. Bespoke cut-outs can be made before the surface finishing and coating to ensure optimum corrosion resistance.

Stainless steel, AISI 304 (V2A):

Stainless steel with the material number 1.4301 was the first commercially used stainless steel. Today, its production share is 33 %, which makes it the most widely used stainless steel in comparison. Its high corrosion and UV resistance make AISI 304 grade stainless steel well suited for outdoor use, although a rain canopy is still recommended. The material can be used in demanding industrial environments, such as for food processing. Needing almost no maintenance at all, stainless steel is a material for many applications. This Cr-Ni steel is not suited for use in swimming pools or salt water – for these applications chrome-nickel steel with molybdenum added, i.e. 316 (V4A) should be used. However, sheet steel is better suited for manufacturing customer-specific enclosure designs.

Polyester (GRP):

Glass-fibre reinforced polyester is a composite of fibreglass and synthetics. This material is extremely resistant against corrosion, a good electrical insulator and highly robust and rigid, which makes it a perfectly suited material for use in outdoor control cabinets and electrical enclosures. This applies also to demanding industrial environments such as oil refineries and applications in the petrochemical or chemical sector. As treating this material is rather difficult, we recommend you have them manufactured according to your specifications.

Polycarbonate (PC):

Polycarbonates are thermoplastics particularly suited for harsh environments and outdoor use. They are temperature resistant from approx. -50°C to +120°C. Polycarbonate is light-weight, highly break-proof and is also available in transparent form. Polycarbonates are flammable, but the flame dies when the source of ignition is removed. They can be easily cut and modified with standard tools.

ABS (Acrylonitrile Butadiene Styrene):

ABS is a polymer which is well resistant to many chemicals, including the harsh detergents used e.g. in dairy plants. However, in some other criteria ABS is inferior to other materials, for example, it is only suited for interior use due to its low resistance to UV light. It is temperature resistant from approx. -40°C to +60°C. Since ABS is not available in transparent form, windows and transparent enclosure covers are always made of polycarbonate.

■ Calculating the heat an electrical enclosure gives off to its surroundings:

Formula: $Q = k \times A \times \Delta T$

- Q = Power [W]
- k = Coefficient of heat transfer [W/m^2K]
- A = Area [m^2]
- ΔT = Difference in temperature [$^{\circ}K$]

Values for k:

Sheet steel	-	5.5 W/m^2K
Stainless steel	-	4.5 W/m^2K
Plastic/polyester	-	3.5 W/m^2K
Aluminium	-	12.0 W/m^2K

Calculating the effective enclosure surface A:

Depending on enclosure mounting type according to VDE 0660 section 500

W = enclosure width [m], H = enclosure height [m], D = enclosure depth [m]

Formula for calculating A [m^2]:

Depending on enclosure mounting type according to VDE 0660 section 500

Single enclosure, all sides freestanding	$A = 1.8 \times H \times (W+D) + 1.4 \times W \times D$
Single enclosure for wall-mounting	$A = 1.4 \times W \times (H+D) + 1.8 \times D \times H$
First or last enclosure freestanding	$A = 1.4 \times D \times (H+W) + 1.8 \times W \times H$
First or last enclosure for wall-mounting	$A = 1.4 \times H \times (W+D) + 1.4 \times W \times D$
Central enclosure freestanding	$A = 1.8 \times W \times H + 1.4 \times W \times D + D \times H$
Central enclosure for wall-mounting	$A = 1.4 \times W \times (H+D) + D \times H$
Central enclosure for wall-mounting, tops covered	$A = 1.4 \times W \times H + 0.7 \times W \times D + D \times H$

Example:

Compact enclosure (H x W x D) 2000 x 800 x 600 mm, sheet steel, indoor use,

Single enclosure on wall – rear-mounted

Ambient temperature $T_a = 20^{\circ}C$

Max. temperature inside enclosure $T_{Max} = 55^{\circ}C$

Height (H) Width (W) Depth (D)

2.0 m 0.8 m 0.6 m

$$A = 1.4 \times W \times (H+D) + 1.8 \times D \times H = 5.07 \text{ m}^2$$

k	5.5	W/m^2	Coated sheet steel
T_u	20	$^{\circ}C$	Ambient temperature
T_{Max}	55	$^{\circ}C$	Max. temperature inside enclosure
ΔT	35	$^{\circ}K$	Difference in temperature

$$Q = k \times A \times \Delta T = 975.98 \text{ Watt}$$

The enclosure can give off 975.98 Watt to its surroundings.

Calculating the heat a wall-mounted enclosure gives off to its surroundings:

Height	Width	Depth
H	W	D
m	m	m
0.6	0.6	1.8

$$Q = k \times A \times \Delta T$$

CHOICE / MOUNTING TYPE - not all variable factors according to IEC 60890 considered

A	4.10 m ²	Single enclosure freestanding	<input type="checkbox"/>
A	3.96 m ²	Single enclosure on wall – rear-mounted	<input checked="" type="checkbox"/>
A	3.67 m ²	Modular combinable enclosures, first or last enclosure freestanding	<input type="checkbox"/>
A	3.53 m ²	Modular combinable enclosures, first or last enclosure on wall – rear-mounted	<input type="checkbox"/>
A	3.24 m ²	Modular combinable enclosure, central enclosure freestanding	<input type="checkbox"/>
A	3,10 m ²	Modular combinable enclosure, central enclosure on wall – rear-mounted	<input type="checkbox"/>
A	2.34 m ²	Modular combinable enclosure, central enclosure on wall – rear-mounted, tops covered	<input type="checkbox"/>
A	2.34 m ²	Single enclosure flush-mounted	<input type="checkbox"/>
k	3.5 W/m ²	Plastic	<input type="checkbox"/>
k	4.5 W/m ²	Stainless steel	<input type="checkbox"/>
k	5.5 W/m ²	Coated sheet steel	<input checked="" type="checkbox"/>
T _U	25 °C	Ambient temperature	<input type="checkbox"/>
T _{MAX}	26 °C	Max. temperature inside enclosure	<input type="checkbox"/>
ΔT	1 °K	Difference in temperature	<input checked="" type="checkbox"/>
A	3.96 m ²		
k	5.5 W/m ² K		
ΔT	1 °K		

$$Q = 21.78 \text{ W}$$

The wall-mounted enclosure can give off 21.78 Watt to its surroundings.

Legal Note:

The values were calculated according to the guidelines and standards (IEC 890, VDE 0660) as applicable at the time of preparing this catalogue. It should be expressly pointed out that users should verify the values very accurately and if necessary manually amend and adjust the values in accordance to their requirements and demands. Schrack accepts no liability whatsoever for the accuracy and completeness of the values given.

Thermal Radiation Tables:

Modul 2000 Wall-mounted frame IP54

THERMAL RADIATION OUTPUT					Single enclosure on wall – rear-mounted	
	Art. No.	Height	Width	Depth	35°K	1°K
250mm	IL952212	658	602	250	-200	-5,71
	IL952218	934	602	250	-268	-7,66
	IL952221	1072	602	250	-303	-8,66
	IL952224	1210	602	250	-338	-9,66
	IL952228	1394	602	250	-384	-10,97
	IL952233	1624	602	250	-440	-12,57
	IL952318	934	822	250	-337	-9,64
	IL952321	1072	822	250	-380	-10,87
	IL952324	1210	822	250	-424	-12,10
	IL952328	1394	822	250	-481	-13,73
	IL952333	1624	822	250	-550	-15,71
	IL952421	1072	1042	250	-458	-13,08
	IL952424	1210	1042	250	-509	-14,55
	IL952428	1394	1042	250	-577	-16,49
	IL952433	1624	1042	250	-660	-18,86
	IL952524	1210	1242	250	-587	-16,78
	IL952528	1394	1242	250	-665	-19,00
IL952533	1624	1242	250	-760	-21,71	
300mm	IL953239	1900	602	300	-550	-15,73
	IL953242	2038	602	300	-588	-16,79
	IL953339	1900	822	300	-680	-19,43
	IL953342	2038	822	300	-726	-20,73
	IL953439	1900	1042	300	-815	-23,29
	IL953442	2038	1042	300	-868	-24,81
	IL953539	1900	1242	300	-927	-26,49
	IL953542	2038	1242	300	-989	-28,25
400mm	IL954239	1900	602	400	-632	-18,06
	IL954242	2038	602	400	-674	-19,26
	IL954339	1900	822	400	-767	-21,93
	IL954342	2038	822	400	-818	-23,37
	IL954439	1900	1042	400	-903	-25,80
	IL954442	2038	1042	400	-962	-27,48
	IL954539	1900	1242	400	-1026	-29,32
	IL954542	2038	1242	400	-1092	-31,21

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

Modul 2000 Modular wall-mounted frame IP54

	THERMAL RADIATION OUTPUT				Single enclosure on wall – rear-mounted		Single enclosure on wall – rear-mounted		Modular enclosures, first or last enclosure uncovered	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K	35°K	1°K
Wall mounted	IL951142	2025	395	400	-539	-15,39	-600	-17,15	-538	-15,37
	IL951239	1885	602	400	-632	-18,06	-719	-20,55	-661	-18,89
	IL951242	2025	602	400	-674	-19,26	-768	-21,94	-706	-20,16
	IL951339	1885	822	400	-767	-21,93	-887	-25,34	-829	-23,68
	IL951342	2025	822	400	-818	-23,37	-946	-27,03	-884	-25,25
	IL951439	1885	1042	400	-903	-25,80	-1054	-30,12	-996	-28,46
	IL951442	2025	1042	400	-962	-27,48	-1124	-32,12	-1062	-30,34

	THERMAL RADIATION OUTPUT				Modular enclosures, first or last enclosure rear wall-mounted		Modular enclosures, central enclosure uncovered		Modular enclosures, central enclosure rear wall-mounted	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K	35°K	1°K
Wall mounted	IL951142	2025	395	400	-476	-13,61	-476	-13,59	-414	-11,83
	IL951239	1885	602	400	-574	-16,40	-603	-17,24	-516	-14,74
	IL951242	2025	602	400	-612	-17,48	-643	-18,38	-549	-15,70
	IL951339	1885	822	400	-709	-20,27	-771	-22,02	-651	-18,61
	IL951342	2025	822	400	-756	-21,59	-821	-23,47	-693	-19,80
	IL951439	1885	1042	400	-845	-24,14	-938	-26,80	-787	-22,48
	IL951442	2025	1042	400	-899	-25,69	-999	-28,55	-837	-23,91


*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

Modul 2000 Wall-mounted frame IP20C

	THERMAL RADIATION OUTPUT				Single enclosure on wall – rear-mounted		Single enclosure, all sides uncovered	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K
180mm	IL006107-F	410	380	180	-86	-2,46	-98	-2,80
	IL006112-F	640	380	180	-124	-3,54	-143	-4,08
	IL006207-F	410	590	180	-119	-3,41	-138	-3,94
	IL006212-F	640	590	180	-170	-4,87	-199	-5,70
	IL006312-F	640	810	180	-219	-6,26	-259	-7,40

250mm	IL006118-F	915	380	250	-199	-5,67	-225	-6,44
	IL006121-F	1055	380	250	-225	-6,43	-256	-7,31
	IL006124-F	1195	380	250	-252	-7,19	-286	-8,19
	IL006128-F	1380	380	250	-286	-8,19	-327	-9,33
	IL006133-F	1605	380	250	-329	-9,40	-376	-10,74
	IL006139-F	1885	380	250	-382	-10,91	-437	-12,49
	IL006142-F	2025	380	250	-408	-11,67	-468	-13,36
	IL006145-F	2160	380	250	-434	-12,40	-497	-14,20

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

 Modul 2000 Wall-mounted frame IP20C

THERMAL RADIATION OUTPUT					Single enclosure on wall – rear-mounted		Single enclosure, all sides uncovered	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K
250mm	IL006218-F	915	590	250	-264	-7,56	-306	-8,75
	IL006221-F	1055	590	250	-299	-8,54	-347	-9,91
	IL006224-F	1195	590	250	-333	-9,52	-388	-11,07
	IL006228-F	1380	590	250	-379	-10,82	-441	-12,61
	IL006233-F	1605	590	250	-434	-12,40	-507	-14,48
	IL006239-F	1885	590	250	-503	-14,37	-588	-16,81
	IL006242-F	2025	590	250	-537	-15,35	-629	-17,98
	IL006245-F	2160	590	250	-570	-16,30	-668	-19,10
	IL006318-F	915	810	250	-334	-9,53	-391	-11,16
	IL006321-F	1055	810	250	-376	-10,75	-442	-12,63
	IL006324-F	1195	810	250	-419	-11,97	-494	-14,10
	IL006328-F	1380	810	250	-475	-13,58	-561	-16,04
	IL006333-F	1605	810	250	-544	-15,54	-644	-18,40
	IL006339-F	1885	810	250	-629	-17,98	-747	-21,34
	IL006342-F	2025	810	250	-672	-19,20	-798	-22,81
	IL006345-F	2160	810	250	-713	-20,38	-848	-24,23
	IL006418-F	915	1030	250	-403	-11,50	-475	-13,58
	IL006421-F	1055	1030	250	-454	-12,96	-537	-15,35
	IL006424-F	1195	1030	250	-505	-14,42	-599	-17,13
	IL006428-F	1380	1030	250	-572	-16,34	-681	-19,47
	IL006433-F	1605	1030	250	-654	-18,68	-781	-22,32
	IL006439-F	1885	1030	250	-756	-21,60	-905	-25,87
	IL006442-F	2025	1030	250	-807	-23,06	-968	-27,64
	IL006445-F	2160	1030	250	-856	-24,46	-1027	-29,35
	IL006524-F	1195	1230	250	-583	-16,64	-696	-19,88
	IL006528-F	1380	1230	250	-660	-18,85	-791	-22,59
	IL006533-F	1605	1230	250	-754	-21,54	-906	-25,88
	IL006539-F	1885	1230	250	-871	-24,89	-1050	-29,99
IL006542-F	2025	1230	250	-930	-26,56	-1121	-32,04	
IL006545-F	2160	1230	250	-986	-28,17	-1191	-34,02	

300mm	IL036239-F	1885	590	300	-543	-15,53	-629	-17,97
	IL036242-F	2025	590	300	-580	-16,58	-672	-19,21
	IL036245-F	2160	590	300	-616	-17,59	-714	-20,40
	IL036339-F	1885	810	300	-673	-19,23	-790	-22,59
	IL036342-F	2025	810	300	-718	-20,52	-844	-24,12
	IL036345-F	2160	810	300	-762	-21,76	-896	-25,61
	IL036439-F	1885	1030	300	-802	-22,93	-952	-27,20
	IL036442-F	2025	1030	300	-856	-24,45	-1016	-29,04
	IL036445-F	2160	1030	300	-907	-25,93	-1079	-30,82
	IL036539-F	1885	1230	300	-920	-26,29	-1099	-31,39
	IL036542-F	2025	1230	300	-981	-28,03	-1173	-33,51
	IL036545-F	2160	1230	300	-1040	-29,71	-1245	-35,56

400mm	IL009242-F	2025	590	400	-666	-19,04	-758	-21,66
	IL009342-F	2025	810	400	-810	-23,14	-936	-26,75
	IL009442-F	2025	1030	400	-954	-27,25	-1114	-31,84
	IL009542-F	2025	1230	400	-1085	-30,99	-1276	-36,47

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

Modul 2000 Flush-mounted frame 3-part system IP20C

THERMAL RADIATION OUTPUT					Single enclosure flush mounted	
	Art. No.	Height	Width	Depth	35°K	1°K
Depth 250mm	IL308107-F	410	380	250	-75	-2,13
	IL308112-F	640	380	250	-109	-3,12
	IL308116-F	830	380	250	-138	-3,94
	IL308118-F	915	380	250	-151	-4,30
	IL308121-F	1055	380	250	-172	-4,90
	IL308124-F	1195	380	250	-193	-5,51
	IL308128-F	1380	380	250	-221	-6,30
	IL308207-F	410	590	250	-105	-2,99
	IL308212-F	640	590	250	-152	-4,36
	IL308218-F	915	590	250	-209	-5,98
	IL308221-F	1055	590	250	-238	-6,81
	IL308224-F	1195	590	250	-267	-7,64
	IL308228-F	1380	590	250	-306	-8,74
	IL308233-F	1605	590	250	-352	-10,06
	IL308239-F	1885	590	250	-410	-11,72
	IL308242-F	2025	590	250	-439	-12,55
	IL308245-F	2160	590	250	-467	-13,35
	IL308312-F	640	810	250	-198	-5,65
	IL308318-F	915	810	250	-271	-7,75
	IL308321-F	1055	810	250	-308	-8,81
	IL308324-F	1195	810	250	-346	-9,88
	IL308328-F	1380	810	250	-395	-11,28
	IL308333-F	1605	810	250	-455	-13,00
	IL308339-F	1885	810	250	-529	-15,13
	IL308342-F	2025	810	250	-567	-16,19
	IL308345-F	2160	810	250	-603	-17,22
	IL308412-F	640	1030	250	-243	-6,95
	IL308418-F	915	1030	250	-333	-9,51
	IL308421-F	1055	1030	250	-378	-10,81
	IL308424-F	1195	1030	250	-424	-12,11
	IL308428-F	1380	1030	250	-484	-13,83
	IL308433-F	1605	1030	250	-557	-15,93
	IL308439-F	1885	1030	250	-649	-18,53
	IL308442-F	2025	1030	250	-694	-19,84
	IL308445-F	2160	1030	250	-738	-21,09
	IL308524-F	1195	1230	250	-495	-14,15
	IL308528-F	1380	1230	250	-565	-16,15
	IL308533-F	1605	1230	250	-651	-18,59
	IL308539-F	1885	1230	250	-757	-21,63
	IL308542-F	2025	1230	250	-810	-23,15
IL308545-F	2160	1230	250	-861	-24,61	

*Max. radiation output of the enclosure calculated for single flush-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

 Modul 2000 Multi-module enclosure IP20C

THERMAL RADIATION OUTPUT					Single enclosure on wall – rear-mounted		Single enclosure, all sides uncovered	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K
100mm (included rear panel considered)	1M12	595	330	100	-83	-2,36	-98	-2,79
	1M18	875	330	100	-117	-3,34	-139	-3,98
	2M12	595	540	100	-122	-3,48	-147	-4,19
	2M18	875	540	100	-172	-4,92	-209	-5,96
	3M12	595	760	100	-163	-4,66	-198	-5,65
	3M18	875	760	100	-230	-6,57	-281	-8,03
	4M12	595	980	100	-204	-5,83	-249	-7,12
	4M18	875	980	100	-288	-8,22	-354	-10,11
200mm (included rear panel considered)	IL078112--	595	330	200	-112	-3,20	-127	-3,63
	IL078118--	875	330	200	-156	-4,46	-178	-5,10
	IL078121--	1010	330	200	-178	-5,07	-203	-5,81
	IL078124--	1150	330	200	-200	-5,71	-229	-6,54
	IL078128--	1335	330	200	-229	-6,54	-263	-7,51
	IL078133--	1565	330	200	-265	-7,58	-305	-8,72
	IL078139--	1855	330	200	-311	-8,90	-358	-10,24
	IL078142--	1995	330	200	-333	-9,53	-384	-10,98
	IL078145--	2130	330	200	-355	-10,14	-409	-11,68
	IL078212--	595	540	200	-169	-4,84	-182	-5,19
	IL078218--	875	540	200	-217	-6,20	-253	-7,24
	IL078221--	1010	540	200	-246	-7,03	-288	-8,23
	IL078224--	1150	540	200	-276	-7,89	-324	-9,26
	IL078228--	1335	540	200	-316	-9,03	-371	-10,61
	IL078233--	1565	540	200	-365	-10,44	-430	-12,30
	IL078239--	1855	540	200	-428	-12,22	-505	-14,42
	IL078242--	1995	540	200	-458	-13,08	-541	-15,45
	IL078245--	2130	540	200	-487	-13,91	-575	-16,44
	IL078312--	595	760	200	-204	-5,83	-239	-6,83
	IL078318--	875	760	200	-281	-8,02	-332	-9,49
	IL078321--	1010	760	200	-318	-9,08	-377	-10,77
	IL078324--	1150	760	200	-356	-10,18	-424	-12,10
	IL078328--	1335	760	200	-407	-11,63	-485	-13,86
	IL078333--	1565	760	200	-470	-13,43	-562	-16,04
	IL078339--	1855	760	200	-549	-15,70	-658	-18,80
	IL078342--	1995	760	200	-588	-16,80	-705	-20,13
	IL078345--	2130	760	200	-625	-17,85	-749	-21,41
	IL078412--	610	980	200	-256	-7,32	-302	-8,64
	IL078418--	875	980	200	-345	-9,84	-411	-11,73
	IL078421--	1010	980	200	-390	-11,13	-466	-13,31
	IL078424--	1150	980	200	-436	-12,46	-523	-14,94
	IL078428--	1335	980	200	-498	-14,23	-599	-17,11
	IL078433--	1565	980	200	-575	-16,42	-693	-19,79
	IL078439--	1855	980	200	-671	-19,18	-811	-23,18
	IL078442--	1995	980	200	-718	-20,51	-869	-24,82
	IL078445--	2130	980	200	-763	-21,80	-924	-26,39
	IL078512--	595	1180	200	-294	-8,40	-348	-9,95
	IL078518--	875	1180	200	-403	-11,50	-482	-13,77
	IL078521--	1010	1180	200	-455	-12,99	-547	-15,62
	IL078524--	1150	1180	200	-509	-14,54	-614	-17,53
IL078528--	1335	1180	200	-581	-16,59	-702	-20,06	
IL078533--	1565	1180	200	-670	-19,14	-812	-23,20	
IL078539--	1855	1180	200	-782	-22,35	-951	-27,16	
IL078542--	1995	1180	200	-836	-23,89	-1018	-29,07	
IL078545--	2130	1180	200	-889	-25,39	-1082	-30,92	

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

Modul 2000 Wall-mounted frame flat version IP20C

THERMAL RADIATION OUTPUT					Single enclosure on wall – rear-mounted		Single enclosure, all sides uncovered		Single enclosure flush mounted	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K	35°K	1°K
Wall mounted	IL006912-F	640	590	100	-79	-2,24	-108	-3,07	-	-
	IL006918-F	915	590	100	-103	-2,95	-145	-4,14	-	-
	IL172912AS	640	590	100	-140	-4,00	-169	-4,83	-	-
	IL172918AS	915	590	100	-193	-5,52	-235	-6,71	-	-
	IL006312-F	640	810	180	-219	-6,26	-259	-7,40	-	-
Flush mounted	IL172912US	640	590	100	-	-	-	-	-122	-3,49
	IL172918US	915	590	100	-	-	-	-	-171	-4,89

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

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THERMAL RADIATION OUTPUT					Single enclosure on wall – rear-mounted		Single enclosure flush mounted	
	Art. No.	Height	Width	Depth	35°K	1°K	35°K	1°K
Wall mounted	ILC2A224	450	543	140	-130	-3,70	-	-
	ILC2A324	600	543	140	-154	-4,40	-	-
	ILC2A424	750	543	140	-179	-5,10	-	-
	ILC2A524	900	543	140	-205	-5,85	-	-
	ILC2A624	1050	543	140	-229	-6,55	-	-
	ILC3A433	750	705	140	-224	-6,40	-	-
	ILC3A533	900	705	140	-243	-6,95	-	-
	ILC3A633	1050	705	140	-271	-7,75	-	-
Flush mounted	ILC2U224	470	588	136	-	-	-117	-3,35
	ILC2U324	620	588	136	-	-	-142	-4,05
	ILC2U424	770	588	136	-	-	-165	-4,70
	ILC2U524	920	588	136	-	-	-189	-5,40
	ILC2U624	1070	588	136	-	-	-214	-6,10
	ILC3U433	770	750	136	-	-	-207	-5,90
	ILC3U533	920	750	136	-	-	-235	-6,70
	ILC3U633	1070	750	136	-	-	-249	-7,10

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page 268

Distribution boxes for MCBs

THERMAL RADIATION OUTPUT					Single enclosure on wall – rear-mounted	
	Art. No.	Height	Width	Depth	35°K	1°K
IP40	BD900012	120	27	60	-2	-0,07
	IM009010	130	51	60	-3	-0,10
	IM009011	130	88	60	-5	-0,13
	BD900014-A	198	200	72	-12	-0,35
	IM009016	185	200	94	-13	-0,38
IP55	IM009019	175	83	106	-8	-0,23
	IM009020	175	125	114	-11	-0,30
	IM009021	175	215	114	-15	-0,43
	IM009022	200	287	124	-21	-0,61
	IM008150	250	285	136	-26	-0,75
	IM008151	375	285	136	-36	-1,03
	IM008152	500	285	136	-46	-1,32
IP65	IG702030	200	116	105	-11	-0,31
	IG702031	200	190	105	-15	-0,42
	IG702032	280	306	145	-31	-0,89
	IG702033	430	306	145	-42	-1,19
	IG702034	580	306	145	-57	-1,62
	IG702035	730	306	145	-69	-1,98

*Max. radiation output of the enclosure calculated for single wall-mounted enclosure and $\Delta T = 35K$. For information details and legal notes see page

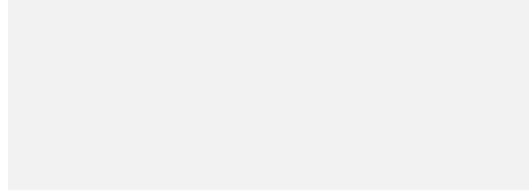
RAL colours

RAL colours are standardised colours which are used by the name RAL Classic. The name stems from the historic German Reichs-Ausschuss für Lieferbedingungen und Gütesicherung (State Commission for Delivery Terms and Quality Assurance) and the system helps to rationalise economy. Each colour has a four-digit colour code assigned. RAL Classic is not a colour system, but a compilation of colours, because aside from a rough classification according to basic colours there are no systematic colour classes. Due to the 4-colour print reproduction this collection of colour samples can only give an approximate representation of the RAL colours.

7022 = Umbra grey



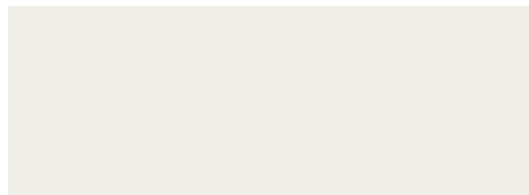
9003 = Signal white



7032 = Pebble grey



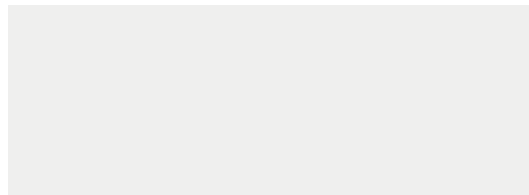
9010 = Pure white



7035 = Light grey



9016 = Traffic white





Degree of protection IP-Code







The degree of protection classifies the properties of operating equipment and provides a combination of letters and numbers (IP Code) to indicate in which extensive they're provided against the intrusion of solid objects (sand, dust and the like) and water. It also indicates the degree of protections against direct touch. According to the IP code compliant with DIN EN 60529 it is expressed by the first number in combination with the solid object ingress protection rating. For example, this is the 2 in the code IP2X, with the classification of the protection against water ingress is unspecified by indicating an X. The following table gives the meaning of the individual numbers for the protections against touch and ingress of solid objects.

1. Number	2. Number	Symbol	Definition	Explanation
-----------	-----------	--------	------------	-------------

Protection ratings for protection against touch and solid objects

0			No protection	No particular protection of people against direct touch of live or moving parts. No protection of the equipment against the ingress of solid objects.
1			Protected against solid objects > 50mm	Protection against the accidental touching of live or inside moving parts, e.g. with the hand, but no protection against deliberate access to these parts. Protection against the ingress of solid objects with a diameter in excess of 50 mm.
2			Protected against solid objects > 12.5mm	Protection against the touching of live or inside moving parts with the fingers. Protection against the ingress of solid objects with a diameter in excess of 12.5mm.
3			Protected against solid objects > 2.5mm	Protection against the touching of live or inside moving parts with tools, wires or the like thicker than 2.5 mm. Protection against the ingress of solid objects with a diameter in excess of 2.5mm.
4			Protected against solid objects > 1mm	Protection against the touching of live or inside moving parts with tools, wires or the like thicker than 1mm.
5			Protected against dust	Complete protection against the touching of live or inside moving parts. Protection against harmful dust deposits. The ingress of dust is not completely prevented, but dust may not ingress in amounts that would hinder the functioning of the equipment.
6			Totally protected against dust	Complete protection against the touching of live or inside moving parts. Protection against the ingress of dust.

Protection ratings for protection against liquids

	0		No protection	No particular protection.
	1		Protection against vertically falling drops of water	Water drops falling vertically must not result in any adverse effects.
	2		Protection against falling drops of water with enclosure tilted from the vertical.	Water drops falling on the enclosure when tilted up to 15° from the vertical must not result in any adverse effects.
	3		Protection against sprays of water	Water falling on the enclosure when tilted up to 60° from the vertical must not result in any adverse effects.
	4		Protection against water splashed from all directions	Water splashed against the equipment from all directions must not result in any adverse effects.
	5		Protection against low pressure jets of water	Water sprayed against the equipment from a nozzle pointed at the equipment must not result in any adverse effects.
	6		Protection against strong jets of water from all directions	Even if temporarily covered with water, e.g. heavy sea, the water must not ingress into the equipment in harmful quantities.
	7		Protection against temporary partial immersion in water	In case of immersion in water under the specified pressure and time limitations, the water must not ingress into the equipment in harmful quantities.
	8		Protection against long periods of full immersion in water	In case of immersion in water, the water must not ingress into the equipment in harmful quantities.

Impact resistance IK Code

The IK Code or impact resistance rating is used to classify the protection rating against mechanical impact (according to DIN EN 50102 – VDE 0470 section 100 and DIN EN 62262). The protection rating is specified by the letters IK, immediately followed by a corresponding two-digit code. There are ten protection classes, corresponding to the impact energy that the enclosure can at least resist.

IK Rating	Impact Energy [Joules]
IK00	0 J
IK01	0.15 J
IK02	0.20 J
IK03	0.35 J
IK04	0.50 J
IK05	0.70 J

IK Rating	Impact Energy [Joules]
IK06	1.00 J
IK07	2.00 J
IK08	5.00 J
IK09	10.00 J
IK10	20.00 J

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General Terms of Delivery

issued by the Austrian Electrical and Electronics Industry Association (FEI)

1. Scope

- 1.1. These General Terms shall govern legal transactions between business enterprises, namely the delivery of commodities and, mutatis mutandis, the rendering of services. Software transactions are with precedence governed by the Software Conditions issued by the Austrian Electrical and Electronics Industry Association, assembly work by the Terms and Conditions for Assembly Work issued by the Austrian Power Current and Light Current Engineering Industry and/or (where applicable) the Terms and Conditions for the Assembly of Electrical Equipment used in Medicine issued by the Austrian Electrical and Electronics Industry (the current versions are available at www.feei.at).
- 1.2. Any departure from the terms and conditions mentioned in 1.1 above shall be valid only if expressly accepted in writing by Seller.

2. Submission of offers

- 2.1. Seller's offers shall be deemed offers without engagement.
- 2.2. Tender documents and project documentation must not be duplicated nor made available to third parties without the permission of Seller. They may be claimed back at any time and shall be returned to Seller immediately if the order is placed elsewhere.

3. Conclusion of contract

- 3.1. The contract shall be deemed concluded upon written confirmation by Seller of an order received or upon dispatch of a delivery.
- 3.2. Particulars appearing in catalogues, folders etc. as well as any oral or written statements shall only be binding if Seller makes express reference to them in the confirmation of the order.
- 3.3. Subsequent amendments of or additions to the contract shall be subject to written confirmation.

4. Prices

- 4.1. Prices shall be quoted ex works or ex Seller's warehouse without VAT, packing and packaging, loading, disassembly, take-back and proper recycling and disposal of waste electrical and electronic equipment for commercial purposes as defined by the Ordinance Regulating the Handling of Waste Electrical Equipment. Buyer shall be liable for any and all charges, taxes or other duties levied in respect of delivery. If the terms of delivery include transport to a destination designated by Buyer, transport costs as well as the cost of any transport insurance desired by Buyer shall be borne by the latter. Delivery does not, however, include unloading and subsequent handling. Packaging materials will be taken back only by express agreement.
- 4.2. Seller reserves the right to modify prices if the order placed is not in accordance with the offer submitted.
- 4.3. Prices are based on costs obtaining at the time of the first quotation. In the event that the costs have increased by the time of delivery, Seller shall have the right to adjust prices accordingly.
- 4.4. In carrying out repair orders, Seller shall provide all services deemed expedient and shall charge Buyer for the same on the basis of the work input and/or expenditures required. The same holds for any services or additional services the expediency of which becomes apparent only as the repair order is executed. In such an event special notification of Buyer shall not be required.
- 4.5. Expenses for estimates of costs of repair and maintenance or for expert valuations shall be invoiced to Buyer.

5. Delivery

- 5.1. The period allowed for delivery shall commence at the latest of the following dates:
 - a) the date of order confirmation by Seller;
 - b) the date of fulfilment by Buyer of all the conditions, technical, commercial and other, for which he is responsible;
 - c) the date of receipt by Seller of a deposit or security due before delivery of the goods in question.
- 5.2. Buyer shall obtain whatever licences or approvals may be required from authorities or third parties for the construction of plant and equipment. If the granting of such licences or approvals is delayed for any reason the delivery period shall be extended accordingly.
- 5.3. Seller may carry out, and charge Buyer for, partial or advance deliveries. If delivery on call is agreed upon, the commodity shall be deemed called off at the latest one year after the order was placed.
- 5.4. In case of unforeseeable circumstances or circumstances beyond the parties control, such as all cases of force majeure, which impede compliance with the agreed period of delivery, the latter shall be extended in any case for the duration of such circumstances; these include in particular armed conflicts, official interventions and prohibitions, delays in transport or customs clearance, damages in transit, energy shortage and raw materials scarcity, labour disputes, and default on performance by a major component supplier who is difficult to replace. The aforesaid circumstances shall be deemed to prevail irrespective of whether they affect Seller or his subcontractor(s).
- 5.5. If a contractual penalty for default of delivery was agreed upon by contracting parties when the contract was concluded, it shall be executed as follows, and any deviations concerning individual items shall not affect the remaining provisions: Where delay in performance can be shown to have occurred solely through the fault of Seller, Buyer may claim for each completed week of delay an indemnity

of at most one half of one per cent, a total of no more than 5 %, however, of the value of that part of the goods to be delivered which cannot be used on account of Seller's failure to deliver an essential part thereof, provided the Buyer has suffered a damage to the aforesaid extent. Assertion of rights of damages exceeding this extent is precluded.

6. Passage of risk and place of performance

- 6.1. Unless otherwise agreed, the delivery of goods is considered sold EXW in accordance with INCOTERMS® 2010.
- 6.2. For services, the place of performance shall be the place indicated in the written order confirmation, secondary to that at which the service is actually rendered by Seller. The risk in respect of such services or any part thereof shall pass to Buyer at the time the services have been rendered.

7. Payment

- 7.1. Unless otherwise agreed, one third of the purchase price shall fall due at the time of receipt by Buyer of the order confirmation of Seller, one third after half the delivery period has elapsed and the balance at the time of delivery. Irrespective thereof the turnover tax comprised in the amount of the invoice shall be paid within 30 days of the invoice date. If bankruptcy proceedings are instituted against the assets of Buyer or if an application for bankruptcy proceedings is not granted for insufficiency of assets, deliveries shall only be made against cash in advance.
- 7.2. In the case of part settlements the individual part payments shall fall due upon receipt of the respective invoices. The same shall apply to amounts invoiced for additional deliveries or resulting from additional agreements beyond the scope of the original contract, irrespective of the terms of payment agreed upon for the principal delivery.
- 7.3. Payment shall be made without any discount free Seller's domicile in the agreed currency. Drafts and checks shall be accepted on account of payment only, with all interest, fees and charges in connection therewith (such as collection and discounting charges) to be borne by Buyer.
- 7.4. Buyer shall not be entitled to withhold or offset payment on the grounds of any warranty claims or other counterclaims.
- 7.5. Payment shall be deemed to have been effected on the date at which the amount in question is at Seller's disposal.
- 7.6. If Buyer fails to meet the terms of payment or any other obligation arising from this or other legal transactions, Seller may without prejudice to his other rights
 - a) suspend performance of his own obligations until payments have been made or other obligations fulfilled, and exercise his right to extend the period of delivery to a reasonable extent,
 - b) call in debts arisen from this or any other legal transactions and charge default interest amounting to 1.25 % per month plus turnover tax for these amounts beginning with the due dates, unless Seller proves costs exceeding this.
 - c) only perform other legal transactions against cash in advance in the case of qualified insolvency, in other words, following two delays in payment.In any case Seller has the right to invoice all expenses arising prior to a lawsuit, especially reminder charges and lawyer's fees.

7.7. Discounts or bonuses are subject to complete payment in due time.

- 7.8. Seller retains title to all goods delivered by him until receipt of all amounts invoiced including interests and charges. Buyer herewith assigns his claim out of a resale of conditional commodities, even if they are processed, transformed or combined with other commodities, to Seller to secure the latter's purchase money claim. In the case of resale granting respite Buyer shall have the power of disposal of the product under retention of ownership only with the proviso that upon reselling Buyer notifies the secondary buyer of the assignment for security or enters the assignment in his account books. Upon request Buyer has to notify the assigned claim and the debtor thereof to Seller, and to make all information and material required for his debt collection available and to notify the assignment to the third-party debtor. If the goods are attached or otherwise levied upon, Buyer shall draw attention to Seller's title and immediately inform Seller of the attachment or levy.

8. Warranty and acceptance of obligation to repair defects

- 8.1. Once the agreed terms of payment have been complied with, Seller shall, subject to the conditions hereunder, remedy any defect existing at the time of acceptance of the article in question whether due to faulty design, material or manufacture, that impairs the functioning of said article. From particulars appearing in catalogues, folders, promotional literature as well as written or oral statements which have not been included in the agreement no warranty obligations may be deduced.
- 8.2. Unless special warranty periods operate for individual items the warranty period shall be 12 months. These conditions shall also apply to any goods supplied, or services rendered in respect of goods supplied, that are firmly attached to buildings or the ground. The warranty period begins at the point of passage of risk acc. to paragraph 6.
- 8.3. For improved or exchanged parts, the warranty period shall start again, but shall end in any case 6 months after the original warranty period has expired.
- 8.4. If delivery or the performance of services is delayed for reasons outside the control of Seller, the warranty period shall begin 2 weeks after Seller is ready to deliver or perform services.

- 8.5. The foregoing warranty obligations are conditional upon the Buyer giving within a reasonable period notice in writing of any defects that have occurred and such notice reaching the Seller. Buyer shall prove within a reasonable period the presence of a defect, in particular he shall make available within a reasonable period to Seller all material and data in his possession. Upon receipt of such notice Seller shall, in the case of a defect covered by the warranty under 8.1 above, have the option to replace the defective goods or defective parts thereof or else to repair them on Buyer's premises or have them returned for repair, or to grant a fair and reasonable price reduction.
- 8.6. Any expenses incurred in connection with rectifying defects (e. g. expenses for assembly and disassembly, transport, waste disposal, travel and siteto-quarters time) shall be borne by Buyer. For warranty work on Buyer's premises Buyer shall make available free of charge any assistance, hoisting gear, scaffolding and sundry supplies and incidentals that may be required. Replaced parts shall become the property of Seller.
- 8.7. If an article is manufactured by Seller on the basis of design data, design drawings, models or other specifications supplied by Buyer, Seller's warranty shall be restricted to non-compliance with Buyers specifications.
- 8.8. Seller's warranty obligation shall not extend to any defects due to assembly and installation work not undertaken by Seller, inadequate equipment, or due to non-compliance with installation requirements and operating conditions, overloading of parts in excess of the design values stipulated by Seller, negligent or faulty handling or the use of inappropriate materials, nor for defects attributable to material supplied by Buyer. Nor shall Seller be liable for damage due to acts of third parties, atmospheric discharges. Excess voltage and chemical influences. The warranty does not cover the replacement of parts subject to natural wear and tear. Seller accepts no warranty for the sale of used goods.
- 8.9. The warranty shall lapse immediately if, without written consent of Seller, Buyer himself or a third party not expressly authorised undertakes modifications or repairs on any items delivered.
- 8.10. Claims acc. to § 933b ABGB are struck by the statute of limitation with lapse of the period mentioned under point 8.2.
- 8.11. The provisions of sub-paragraphs 8.1 to 8.10 shall apply, mutatis mutandis, to all cases where the obligation to repair defects has to be accepted for other reasons laid down by law.
- 9. Withdrawal from contract**
- 9.1. Buyer may withdraw from the contract only in the event of delays caused by gross negligence on the part of Seller and only after a reasonable period of grace has elapsed. Withdrawal from contract shall be notified in writing by registered mail.
- 9.2. Irrespective of his other rights Seller shall be entitled to withdraw from the contract
- if the execution of delivery or the inception or continuation of services to be rendered under the contract is made impossible for reasons within the responsibility of Buyer and if the delay is extended beyond a reasonable period of grace allowed;
 - if doubts have arisen as to Buyer's creditworthiness and if same fails, on Seller's request, to make an advance payment or to provide adequate security prior to delivery, or
 - if, for reasons mentioned in 5.4, the period allowed for delivery is extended by more than half of the period originally agreed or by at least 6 months, or
 - if Buyer does not or does not properly meet the obligations imposed as per paragraph 13.
- 9.3. For the reasons given above withdrawal from the contract shall also be possible in respect of any outstanding part of the delivery or service contracted for.
- 9.4. If bankruptcy proceedings are instituted against Buyer or an application for bankruptcy proceedings is not granted for insufficiency of assets, Seller may withdraw from the contract without allowing a period of grace. If this withdrawal is taken, it shall take effect immediately upon the decision that the business will not be continued. If the business will be continued, a withdrawal shall not take effect until 6 months after the institution of bankruptcy proceedings or after an application for bankruptcy proceedings has not been granted for insufficiency of assets. In any case, the contract shall be terminated immediately unless the bankruptcy law to which Buyer is subject conflicts with this or if termination of the contract is necessary to prevent significant damages to Seller.
- 9.5. Without prejudice to Seller's claim for damages including expenses arising prior to a lawsuit, upon withdrawal from contract any open accounts in respect of deliveries made or services rendered in whole or in part shall be settled according to contract. This provision also covers deliveries or services not yet accepted by Buyer as well as any preparatory acts performed by Seller. Seller shall, however, have the option alternatively to require the restitution of articles already delivered.
- 9.6. Withdrawal from contract shall have no consequences other than those stipulated above.
- 9.7. The assertion of claims on the ground of *laesio enormis*, error, or lapse of purpose by the Buyer is excluded.
- 10. Disposal of waste electrical and electronic equipment**
- 10.1. The Buyer of electrical/electronic equipment for commercial purposes, incorporated in Austria, is responsible for the financing of the collection and treatment of waste electrical and electronic equipment as defined by the Ordinance Regulating the Handling of Waste Electrical Equipment, if he is himself the user of the electrical/electronic equipment. If the Buyer is not the end user, he shall transfer the full financial commitment to his customer by agreement and furnish proof thereof to the Seller.
- 10.2. The Buyer incorporated in Austria shall ensure that the Seller is provided with all information necessary to meet the Seller's obligations as manufacturer/importer, particularly according to §§ 11 and 24 of the Ordinance Regulating the Handling of Waste Electrical Equipment and the Waste Management Act.
- 10.3. The Buyer incorporated in Austria is liable vis-à-vis the Seller for any damage and other financial disadvantages incurred by Seller due to Buyer's failure to meet or fully meet his financing commitment or any other obligations according to Article 10. The Buyer shall bear the burden of proof of performance of this obligation.
- 11. Seller's liability**
- 11.1. Outside the scope of the Product Liability Act, Seller shall be liable only if the damage in question is proved to be due to intentional acts or acts of gross negligence, within the limits of statutory provisions. Seller's total liability in cases of gross negligence is limited to the net value of the order or EUR 500,000, depending on which amount is lower.
- 11.2. For each incident of damage, Seller shall be liable for 25% of the net value of the order or EUR 125,000, depending on which amount is lower.
- 11.3. Seller shall not be liable for damage due to acts of ordinary negligence nor for consequential damages or damages for pure economic loss, indirect damages, loss of production, financing costs, costs for replacement energy, loss of energy, data or information, loss of profits, loss of savings or interest, or damage resulting from third-party claims against buyer.
- 11.4. Seller shall not be liable for damages in case of non-compliance with instructions for assembly, commissioning and operation (such as are contained in instructions for use) or non-compliance with licensing requirements.
- 11.5. Claims that exceed the contractual penalties that were agreed on are excluded from the respective title. The provisions of paragraph 11 apply exclusively for all claims by Buyer against Seller, regardless of the legal basis or entitlement, and also apply to all employees, subcontractors and subsuppliers of Seller.
- 12. Industrial property rights and copyrights**
- 12.1. Buyer shall indemnify Seller and hold him harmless against any claims for any infringement of industrial property rights raised against him if Seller manufactures an article pursuant to any design data, design drawings, models or other specifications made available to him by Buyer.
- 12.2. Design documents such as plans and drawings and other technical specifications as well as samples, catalogues, prospectuses, pictures and the like shall remain the intellectual property of Seller and are subject to the relevant statutory provisions governing reproduction, imitation, competition etc. The provisions of 2.2 above shall also cover design documents.
- 13. Compliance with export provisions**
- 13.1. When passing on goods delivered by Seller to third parties (as well as any related documentation, regardless of the method of provision or the services performed by Seller [including technical support of any kind]), Buyer must comply with the applicable regulations of national and international (re-)export provisions. In any case, Buyer must observe the (re-)export provisions of Seller's country of residence, the European Union and the United States of America.
- 13.2. If necessary for export controls, Buyer must provide Seller with all necessary information immediately after being requested to do so, for example, information about the final recipient, final destination and purpose of the goods or services.
- 14. General**
- Should individual provisions of the contract or of these provisions be invalid the validity of the other provisions shall not be affected. The invalid provision shall be replaced by a valid one, which comes as close to the target goal as possible.
- 15. Jurisdiction and applicable law**
- Any litigations arising under the contract including litigations over the existence or non-existence thereof shall fall within the exclusive jurisdiction of the competent court at Seller's domicile; the competent court of the Bezirksgericht Innere Stadt, Vienna, shall have exclusive jurisdiction if Seller is domiciled in Vienna. The contract is subject to Austrian law excluding the referral rules. Application of the UN Convention on Contracts for the International Sale of Goods is renounced.
- 16. Proviso**
- The execution of the contract by Seller is subject to the condition that there are no obstacles standing in the way of execution due to national or international (re-)export provisions, and especially no embargos and/or other sanctions.

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