



# Junction boxes overview

Versatile junction boxes for any installation requirement  
in all kinds of application areas

# A series

## The everyday hero

The A series families is one of our well-known classic brands. Made of halogen-free thermoplastic, they offer a simple solution to simple applications. The elastic material is particularly easy to use and, thanks to the external fastening and clamshell, the boxes are mounted quickly and simply. The supplied cutting tool also allows proper opening of the cable entries.

The practical sizes in 3 colours are matched to the applications: The smallest of the family, the A6, is even at home in inspection lamps and roller blind boxes. Its big brother can be found in lofts and basement workshops – a real everyday hero.



Lofts and cellars in private housing

Private garages and carports

Inspection lights and roller blind boxes



### Practical external fastening

The external fastening means that the junction boxes of the A series can be mounted quickly and easily. The bolts for mounting are contained in the scope of delivery of the boxes.



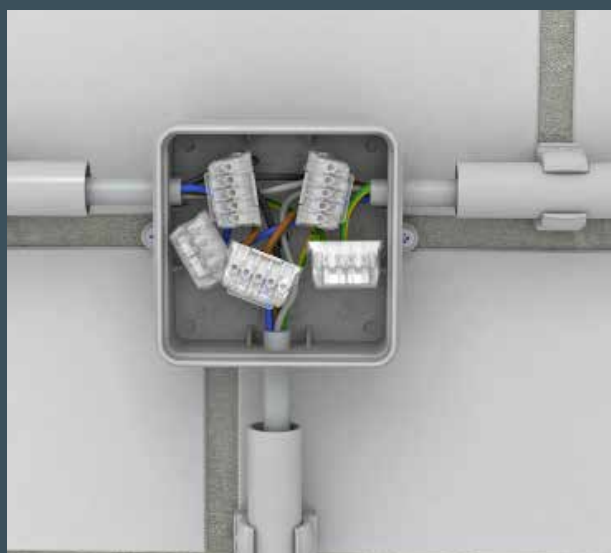
### Premarked cable entries

The pre-marked cable entries can be punctured quickly and used using the cut-out tool supplied.



### Tight-fitting clamshell

The covers of the A series also allow rapid mounting. The clamshells can be placed easily on the base, without the need for tools.



### Sufficient space for wiring

With the A series, there is always sufficient space for wiring. This is marked by the 5 different sizes in which the junction boxes are available.

# T series

## The all-rounder

If you want a little more: The junction boxes, made from high-quality materials with sensible wall thicknesses, are particularly stable and thus perfectly equipped to handle greater loads. Thanks to the UV-stabilised plastic and the IP66 protection rating, they can withstand weathering conditions in both indoor and outdoor areas.

The T series is characterised by its intelligent construction and practical details, because it is as versatile as the requirements placed on it. No matter whether dealing with a flexible wiring compartment of different shapes and sizes, the colour differentiation of circuits, checking of electrical components or use in the maintenance of electrical function – our all-rounders always have the right answer.



Warehouses, sports halls and car parks

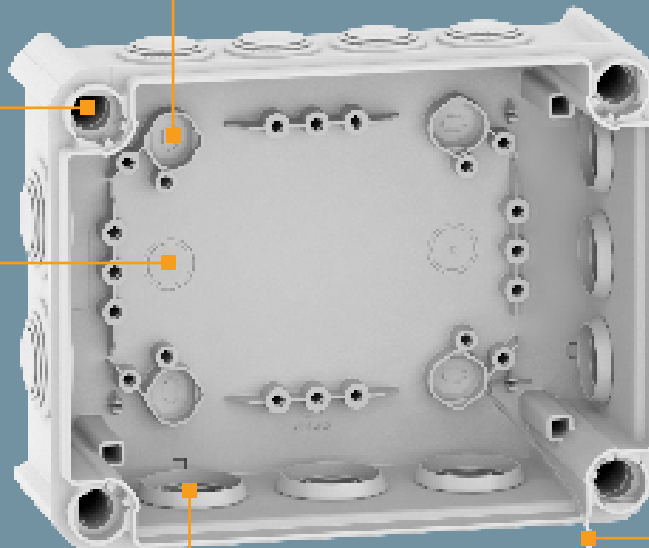
Protected exterior areas, e.g.  
under roof overhangs

Escape route lighting for the  
maintenance of the electrical supply

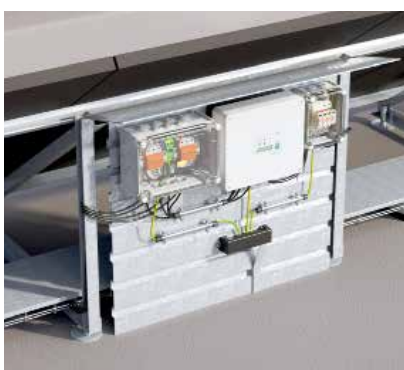
# All the benefits at a glance

Intelligently arranged mounting points in the interior and special corner domes.

Breakout openings in the base and side plug-in seals.



With a captive cover and rotary locks in lead-sealable junction boxes.



## Function control

The T series junction boxes with an elevated and transparent cover combine ample space for devices and cables with a free view onto them – for instance onto the operating display of electronic components.



## Maintaining electrical function with the FireBox

Together with the supplied bolt ties, the high temperature-resistant ceramic connection unit of the OBO FireBox forms a fire protection-tested system, approved for mounting on concrete, masonry, calcareous limestone and brick.



## T series with Aquasit

In particularly moist environments, the T series can be used together with the Aquasit cold casting compound. Whether for connections in the garden, by waterways, in laundries or in a pump well – Aquasit ensures a safe electrical installation anywhere.

# X series

## The eXtreme athlete

Professionals are at work here: The junction boxes are high-quality and robust. With its impact resistance of IK09, the X series can withstand the strongest mechanical loads. Our "eXtreme athletes" are also dust and waterproof, as well as UV-resistant. This is why they are the right choice for challenging industrial applications and extreme weathering conditions in exterior areas.

The well-thought-out and functional design gives the X series a particularly high wiring compartment and offers a wide range of mounting options for installations in any environment. The wide-ranging and practical equipment rounds off the range of services, making the X series ready for all kinds of applications.

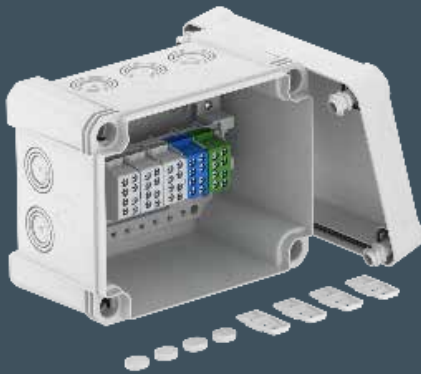


Industrial applications

Unprotected exterior areas  
e.g. on surveillance cameras

Greenhouses and workshops

# Extra strong, particularly high load capacity



## Impact resistance

The use of special plastics based on high-quality polycarbonate allows the X series junction boxes and empty housings with the IK09 classification to offer the highest impact resistance in its class. All the boxes of the X series are tested according to DIN EN 60670 Part 1 and 22.

## Equipment & accessories

The X series is available with pre-installed equipment: Completely pre-installed versions with main line branch terminals, cable glands, screwless terminals and hat rails cover every eventuality. Screw covers, plug-in seals and external fastening elements are contained in the scope of delivery of the X series junction boxes. In addition, the X series offers a comprehensive range of accessories.



# Home and dry!

## Aquasit cold casting compound






Achieve the maximum protection rating of IP68 with Aquasit.

- Ideal solution for electrical installation in particularly damp environments (IP68)
- Self-healing: The protection rating remains intact after testing with testing pins
- Available in mixing bags or in cartridges
- In matching sizes to our junction boxes




### Material consumption Aquasit cold casting compound

Junction box filling

A series ml per unit* PU**			T series ml per unit* PU**			X series ml per unit PU**		
A6	100 ml	1 	T25	80 ml	1 	X01	300 ml	1 
A8	130 ml	1 	T40	250 ml	1 	X02	380 ml	1 
A11	190 ml	1 	T60	410 ml	1 	X04	580 ml	1 
A14	290 ml	1 	T 60 HD	590 ml	1 	X06	930 ml	1 
A18	380 ml	1	T100	720 ml	1 	X10	2,600 ml	2 
			T 100 HD	770 ml	1 	X16	4,390 ml	3 
			T160	1,540 ml	1 	X25	6,840 ml	4 
			T 160 HD	1,930 ml	2 			
			T250	3,170 ml	2 			
			T 250 HD	3,310 ml	2 			
			T350	5,200 ml	4 			
			T 350 HD	6,830 ml	5 			

\*Gross box volume without equipment  
\*\*Smallest possible packaging unit for complete filling of the complete junction box.






250 ml   400 ml   800 ml   1,600 ml



**A series**  
Light grey



**A series**  
Pure white



**A series**  
Red



**A6**  
80 x 43 x 34 mm



**A6** 2000 00 1  
Without terminal strip



**A6 HF RW** 2000 00 5  
Without terminal strip



**A6 HF RO** 2000 00 3  
Without terminal strip

**A8**  
75 x 75 x 36.2 mm



**A8 5** 2000 02 4  
1 terminal strip

**A8** 2000 01 6  
Without terminal strip



**A8 HF RW** 2000 07 5  
Without terminal strip



**A8 HF RO** 2000 05 9  
Without terminal strip

**A11**  
85 x 85 x 40 mm



**A11 5** 2000 32 6  
1 terminal strip

**A11** 2000 34 2  
Without terminal strip



**A11 HF RW** 2000 18 0  
Without terminal strip



**A11 HF RO** 2000 16 4  
Without terminal strip

**A14**  
100 x 100 x 40 mm



**A14 5** 2000 38 2  
1 terminal strip

**A14** 2000 37 8  
Without terminal strip



**A14 HF RW** 2000 39 0  
Without terminal strip



**A14 HF RO** 2000 38 6  
Without terminal strip

**A18**  
125 x 100 x 40 mm



**A18 5** 2000 41 4  
1 terminal strip

**A18** 2000 41 0  
Without terminal strip



**A18 HF RW** 2000 42 2  
Without terminal strip



**A18 HF RO** 2000 41 8  
Without terminal strip



## Accessories



**Cut-out tool**  
Every 10 boxes of the A series  
include 1 cut-out tool



**Terminal strip** 2017 34 2  
With 5 terminals

**T series**  
Light grey,  
+ Plug-in seals



**T series**  
Red cover,  
+ Plug-in seals



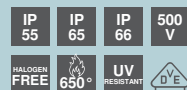
**T series**  
Pure white,  
+ Plug-in seals



**T series**  
Flame-resistant,  
+ Plug-in seals



**T series**  
+ Terminal strip,  
+ Plug-in seals



**T series**  
With closed side  
walls without entries



**T25**  
Ø80 x 51 mm



**T25** 2007 02 9  
4 x M25



**T25 RW** 2007 50 9  
4 x M25



**T25 F** 2007 31 2  
4 x M25



**T25 KL** 2007 43 0  
4 x M25

With terminal strip

**T40**  
90 x 90 x 52 mm



**T40** 2007 04 5  
7 x M25



**T 40 RO-LGR** 2007 63 0  
7 x M25



**T40 RW** 2007 51 7  
7 x M25



**T40 F** 2007 32 0  
4 x M25



**T40 KL** 2007 43 2  
4 x M25

With terminal strip



**T40 OE** 2007 22 3  
Closed

**T60**  
114 x 114 x 57 mm



**T60** 2007 06 1  
7 x M25



**T 60 RO-LGR** 2007 63 8  
7 x M25



**T60 RW** 2007 52 5  
7 x M25



**T60 F** 2007 33 9  
4 x M25



**T60 KL** 2007 43 4  
4 x M25

With terminal strip



**T60 OE** 2007 23 9  
Closed

**T100**  
150 x 116 x 67 mm



**T100** 2007 07 7  
10 x M25  
**T100 M25-M32** 2007 08 1  
8 x M25, 2 x M32



**T 100 RO-LGR** 2007 64 4  
10 x M25



**T100 RW** 2007 53 3  
10 x M25



**T100 F** 2007 34 7  
4 x M25



**T100 KL** 2007 43 6  
4 x M25

With terminal strip



**T100 OE** 2007 25 5  
Closed

**T160**  
190 x 150 x 77 mm



**T160** 2007 09 3  
7 x M25, 5 x M32  
**T160 M32** 2007 09 7  
10 x M32



**T 160 RO-LGR** 2007 64 9  
7 x M25, 5 x M32



**T160 RW** 2007 54 1  
7 x M25, 5 x M32



**T160 F** 2007 35 5  
4 x M25



**T160 KL** 2007 44 0  
4 x M25

With terminal strip



**T160 OE** 2007 27 1  
Closed

**T250**  
225 x 173 x 86 mm



**T250** 2007 10 9  
9 x M25, 7 x M32



**T 260 RO-LGR** 2007 65 7  
9 x M25, 7 x M32



**T250 RW** 2007 56 4  
9 x M25, 7 x M32



**T250 F** 2007 36 3  
4 x M25



**T250 KL** 2007 44 4  
4 x M25

With terminal strip



**T250 OE** 2007 28 7  
Closed

**T350**  
285 x 201 x 120 mm



**T350** 2007 12 5  
16 x M32, 8 x M40



**T350 RW** 2007 58 8  
16 x M32, 8 x M40



**T350 F** 2007 37 1  
4 x M25



**T350 KL** 2007 44 8  
4 x M25

With terminal strip



**T350 OE** 2007 30 3  
Closed

**T series sets**



**T 60 M25 NL** 2007 92 2  
Version with plug-in seal  
With 3 cable glands



**T 60 M20 NL** 2007 91 8  
Version with pre-marking  
With 3 cable glands

**T series**  
With high cover  
+ Plug-in seals



**T series**  
with high transparent  
cover  
+ Plug-in seals



**T series**  
With high cover, closed



**T series**  
With high transparent  
cover, closed



**T series**  
+ Knock-out  
entries



**T 60 HD LGR** 2007 71 0  
7 x M25



**T 60 HD TR** 2007 75 0  
7 x M25



**T 60 OE HD LGR** 2007 73 0  
Closed



**T 60 OE HD TR** 2007 77 0  
Closed



**T 100 HD LGR** 2007 71 2  
10 x M25



**T 100 HD TR** 2007 75 2  
10 x M25



**T 100 OE HD LGR** 2007 73 2  
Closed



**T 100 OE HD TR** 2007 77 2  
Closed



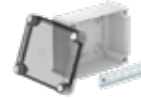
**T 160 HD LGR** 2007 71 4  
7 x M25, 5 x M32



**T 160 HD TR** 2007 75 4  
7 x M25, 5 x M32



**T 160 OE HD LGR** 2007 73 4  
Closed



**T 160 OE HD TR** 2007 77 4  
Closed



**T 250 HD LGR** 2007 71 6  
9 x M25, 7 x M32



**T 250 HD TR** 2007 75 6  
9 x M25, 7 x M32



**T 250 OE HD LGR** 2007 73 6  
Closed



**T 250 OE HD TR** 2007 77 6  
Closed



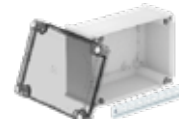
**T 350 HD LGR** 2007 71 8  
16 x M32, 8 x M40



**T 350 HD TR** 2007 75 8  
16 x M32, 8 x M40



**T 350 OE HD LGR** 2007 73 8  
Closed



**T 350 OE HD TR** 2007 77 8  
Closed



**T 40 M20** 2007 90 0  
With M20 knock-out entries  
**T 40 M20 SW** 2007 90 1  
Black  
**T 40 M20 KL** 2007 90 4  
With terminal strip



**T 60 M20** 2007 91 0  
With M20 knock-out entries  
**T 60 M20 KL** 2007 91 4  
With terminal strip



**T 60 M25** 2007 92 6  
With M25 knock-out entries  
**T 60 M25 Ro-LGR** 2007 92 7  
With red cover

**T series**  
+ Strain relief  
entries



**T 60 ZE IP30** 2007 80 3  
7 strain relief entries



**T 100 ZE IP30** 2007 80 5  
10 strain relief entries

**T series accessories**



**BE TS KR** 2007 83 3  
Fastening element for T 60 and T 100 on a cable tray



**BE GR KR** 2007 83 3  
Fastening element for T 60 and T 100 on a mesh cable tray



**T-S MST** 2007 83 1  
Fastening pin

**T series**  
for plug contacts



With openings for the mounting of plug contacts (Wieland/WAGO)  
**T 100 WB3** 2007 80 7



With openings for the mounting of plug contacts (Wieland/WAGO)  
**T 100 WB3-10** 2007 80 8



With openings for the mounting of plug contacts (Wieland/WAGO)  
**T 100 WB5** 2007 84 0

**T series**  
Pre-terminated  
Modul 45 variants

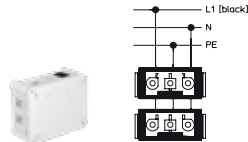


2 Modul 45 sockets in the cover, 1-pin  
**T 100 2MSD WS** 2007 82 1  
2 sockets, 33° white

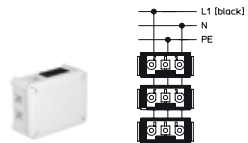


4 Modul 45 sockets in the cover, 2-pin  
**T 100 4MSD WS** 2007 82 5  
4 sockets, 33° white

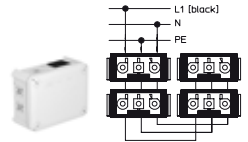
**T series**  
Single-phase  
pre-terminated for plug  
contacts



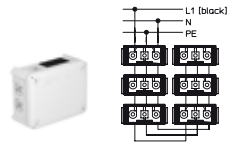
3-pin Wieland socket, single-phase  
**T 100 WB 2S3** 2007 80 9  
Wieland socket 2 s



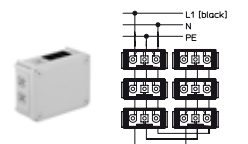
3-pin Wieland socket, single-phase  
**T 100 WB 3S3** 2007 81 3  
Wieland socket 3 s



3-pin Wieland socket, single-phase  
**T 100 WB 4S3** 2007 81 1  
Wieland socket 4 s

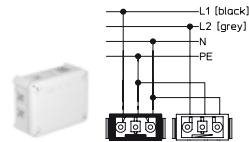


3-pin Wieland socket, single-phase  
**T 100 WB 6S3** 2007 82 2  
Wieland socket 6 s

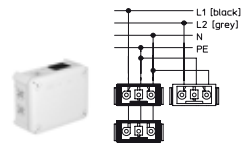


3-pin WAGO socket, single-phase  
**T 100 WWB 6SW** 2007790  
150 x 116 x 67

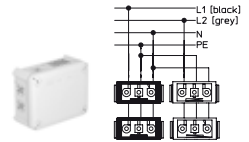
**T series**  
Two-phase  
pre-terminated for plug  
contacts



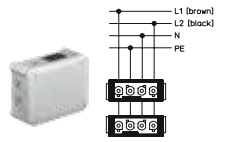
3-pin Wieland socket, two-phase  
**T 100 WB 1W3 1S3** 2007 81 5  
W socket 1w+1s



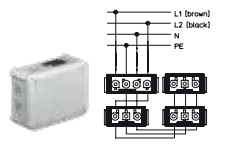
3-pin Wieland socket, two-phase  
**T 100 WB 1W3 2S3** 2007 81 7  
W socket 1w+2s



3-pin Wieland socket, two-phase  
**T 100 WB 2W3 2S3** 2007 81 9  
W socket 2w+2s

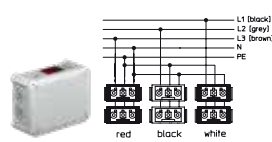


4-pin Wieland socket, two-phase  
**T 100 WB 2s4** 2007 84 8  
W socket 2s

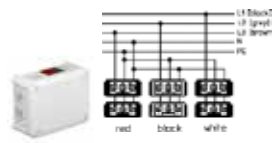


4-pin Wieland socket, two-phase  
**T 100 WB 3S3 1S4** 2007 84 4  
W socket 3s+1s

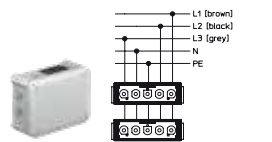
**T series**  
Three-phase, pre-terminated  
for plug contacts



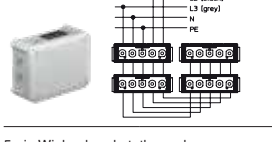
3-pin WAGO socket, three-phase  
**T 100 WWB** 2007 79 2  
W socket 3x2 (bl; bl; rd)



3-pin Wieland socket, three-phase  
**T 100 WB 6S** 2007 81 4  
W socket 6s3p 3x2

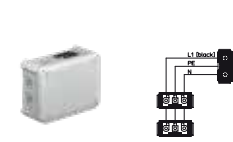


5-pin Wieland socket, three-phase  
**T 100 WB 2s5** 2007 85 2  
W socket 2s

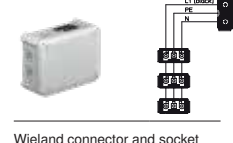


5-pin Wieland socket, three-phase  
**T 100 WB 4s5** 2007 85 6  
W socket 4s

**T series**  
Pre-terminated  
connectors and  
sockets



Wieland connector and socket  
**T100 WS 1S3 2S3D** 2007 87 6



Wieland connector and socket  
**T100 WS 1S3 3S3A** 2007 87 0



Wieland connector and socket  
**T100 WS 1S4 2S3C** 2007 87 4



**FireBox**  
Internal fastening  
with plug-in seals

E30 E60 E90 HALOGEN FREE



151 x 117 x 67 mm  
**T 100 ED 4-5** 7205 52 9  
 4 mm<sup>2</sup> nominal cross-section  
**T 100 ED 6-5** 7205 53 0  
 6 mm<sup>2</sup> nominal cross-section  
**T 100 ED 10-5** 7205 53 3  
 10 mm<sup>2</sup> nominal cross-section



190 x 150 x 77 mm  
**T 160 ED 16-5** 7205 53 6  
 16 mm<sup>2</sup> nominal cross-section



with fuse holder  
 151 x 117 x 67 mm  
**T 100 ED 6-6 F** 7205 55 0  
 6 mm<sup>2</sup> nominal cross-section  
**T 100 ED 10-6 F** 7205 55 3  
 10 mm<sup>2</sup> nominal cross-section



with fuse holder  
 190 x 150 x 77 mm  
**T 160 ED 16-6 F** 7205 55 6  
 16 mm<sup>2</sup> nominal cross-section

**FireBox**  
External fastening  
with plug-in seals

E30 E60 E90 HALOGEN FREE



151 x 117 x 67 mm  
**T 100 ED 6-5 A** 7205 54 0  
 6 mm<sup>2</sup> nominal cross-section  
**T 100 ED 10-5 A** 7205 54 3  
 10 mm<sup>2</sup> nominal cross-section



190 x 150 x 77 mm  
**T 160 ED 16-5 A** 7205 54 6  
 16 mm<sup>2</sup> nominal cross-section



with fuse holder  
 151 x 117 x 67 mm  
**T 100 ED 6-6 AF** 7205 56 0  
 6 mm<sup>2</sup> nominal cross-section  
**T 100 ED 10-6 AF** 7205 56 3  
 10 mm<sup>2</sup> nominal cross-section



with fuse holder  
 190 x 150 x 77 mm  
**T 160 ED 16-6 AF** 7205 56 6  
 16 mm<sup>2</sup> nominal cross-section

**FireBox**  
For data technology  
with plug-in seals

E30 E60 E90 HALOGEN FREE



151 x 117 x 67 mm  
**T 100 ED 4-10 D** 7205 58 0  
 4 mm<sup>2</sup> nominal cross-section



151 x 117 x 67 mm  
**T 100 ED 4-10 AD** 7205 58 3  
 4 mm<sup>2</sup> nominal cross-section



285 x 201 x 120 mm  
**T 350 ED 4-28 AD** 7205 59 0  
 4 mm<sup>2</sup> nominal cross-section

**FireBox**  
Closed internal  
fastening

E30 E60 E90 HALOGEN FREE



151 x 117 x 67 mm  
**T 100 E 4-5** 7205 51 0  
 4 mm<sup>2</sup> nominal cross-section



190 x 150 x 77 mm  
**T 160 E 10-5** 7205 52 4  
 10 mm<sup>2</sup> nominal cross-section  
**T 160 E 16-5** 7205 52 8  
 16 mm<sup>2</sup> nominal cross-section



190 x 150 x 77 mm  
**T 160 E 4-8D** 7205 52 0  
 4 mm<sup>2</sup> nominal cross-section

**FireBox**  
External fastening  
with impact-resi-  
stant cover

E30 E60 E90 HALOGEN FREE



151 x 117 x 84.8 mm  
**T 100 ED 6-5 AS** 7205 62 0  
 6 mm<sup>2</sup> nominal cross-section  
**T 100 ED 10-5 AS** 7205 62 3  
 10 mm<sup>2</sup> nominal cross-section



190 x 150 x 77 mm  
**T 160 ED 16-5 AS** 7205 62 6  
 16 mm<sup>2</sup> nominal cross-section



with fuse holder  
 151 x 117 x 67 mm  
**T 100 ED 6-6 AFS** 7205 63 0  
 6 mm<sup>2</sup> nominal cross-section  
**T 100 ED 10-6 AFS** 7205 63 3  
 10 mm<sup>2</sup> nominal cross-section



151 x 117 x 67 mm  
**T 100 ED 4-10 ADS** 7205 64 0  
 4 mm<sup>2</sup> nominal cross-section

**FireBox**  
Accessories



Fuse holder for FireBox T  
**TE-FH 520** 7205 57 0



Plug-in seal for cable  
**EDK 25 OR** 7205 67 5  
**EDK 32 OR** 7205 67 7  
**EDK 40 OR** 7205 67 9



Ceramic terminal with wire  
 protection  
**TK 04** 7205 70 0  
**TK 06** 7205 70 2  
**TK 10** 7205 70 4  
**TK 16** 7205 70 6



Protective conductor terminal  
**TPE 04** 7205 70 8  
**TPE 25** 7205 71 0



## FireBox accessories



**MP T610** 7205 48 0  
 Mounting plate for T100 for faste-  
 ning on cable trays and ladders of  
 60 mm side height



**MP T616** 7205 48 4  
 Mounting plate for T160 for faste-  
 ning on cable trays and ladders of  
 60 mm side height



**KS-E DE** 7205 42 3  
 Identification plate, German  
**KS-E EN** 7205 42 2  
 Identification plate, English

**X series**  
Junction box  
Light grey  
Light grey



**X series**  
Junction box  
Light grey  
Transparent



**X series**  
Junction box  
Graphite black  
Graphite black



**X series**  
Junction box  
Graphite black  
Red



**X series**  
Junction box  
+ Terminal strip



**X01**  
95 x 95 x 60



**X01 LGR** 2005 00 0  
7 x M20



**X01 LGR-TR** 2005 05 0  
7 x M20



**X01 SW** 2005 11 0  
7 x M20



**X01 SW-RO** 2005 14 0  
7 x M20



**X01 T LGR** 2005 19 0  
With 5-pin terminal strip

**X02**  
95 x 95 x 72



**X02 LGR** 2005 00 4  
7 x M20



**X02 LGR-TR** 2005 05 4  
7 x M20



**X02 SW** 2005 11 4  
7 x M20



**X02 SW-RO** 2005 14 4  
7 x M20



**X02 T LGR** 2005 19 4  
With 5-pin terminal strip

**X04**  
114 x 114 x 78



**X04 LGR** 2005 00 8  
7 x M20/M25



**X04 LGR-TR** 2005 05 8  
7 x M20/M25



**X04 SW** 2005 11 8  
7 x M20/M25



**X04 SW-RO** 2005 14 8  
7 x M20/M25



**X04 T LGR** 2005 19 8  
With 5-pin terminal strip

**X06**  
190 x 150 x 125



**X06 LGR** 2005 01 2  
8 x M20/M25



**X06 LGR-TR** 2005 06 2  
8 x M20/M25



**X06 SW** 2005 12 2  
8 x M20/M25



**X06 SW-RO** 2005 15 2  
8 x M20/M25



**X06 T LGR** 2005 20 2  
With 5-pin terminal strip

**X10**  
240 x 191 x 125



**X10 LGR** 2005 01 6  
10 x M20/M25/M32



**X10 LGR-TR** 2005 06 6  
10 x M20/M25/M32



**X10 SW** 2005 12 6  
10 x M20/M25/M32



**X10 SW-RO** 2005 15 6  
10 x M20/M25/M32



**X10 T LGR** 2005 20 6  
With 5 terminal strips of 4 terminals each

**X16**  
286 x 202 x 126



**X16 LGR** 2005 02 0  
10 x M25/M32/M40



**X16 LGR-TR** 2005 07 0  
10 x M25/M32/M40



**X16 SW** 2005 13 0  
10 x M25/M32/M40



**X16 SW-RO** 2005 16 0  
10 x M25/M32/M40



**X16 T LGR** 2005 21 0  
With 5 terminal strips of 4 terminals each

**X25**  
286 x 202 x 126



**X25 LGR** 2005 02 4  
10 x M25/M32/M40



**X25 LGR-TR** 2005 07 4  
10 x M25/M32/M40



**X25 SW** 2005 13 4  
10 x M25/M32/M40



**X25 SW-RO** 2005 16 4  
10 x M25/M32/M40



**X25 T LGR** 2005 21 4  
With 5 terminal strips of 4 terminals each

**Main line branch terminals**



**HLAK 4-8x16** 2009 03 2

Main line branch terminal, 4-pin



**HLAK 5-10x16** 2009 03 6

Main line branch terminal, 5-pin

### X series

Junction box  
+ Terminal strip  
+ Cable glands + lock-nuts



### X series

Junction box  
+ Cable glands  
+ Locknuts



### X series

Junction box  
+ Universal screwless terminals  
+ Cable glands + lock-



### X series

Junction box  
+ Transparent cover  
+ Hat profile rail



### X series

Junction box  
+ Main line branch terminal



**X01 T G M20 LGR 2005 22 0**  
With terminal strip, with 3 x V-TEC VM 20 with locknuts



**X02 T G M20 LGR 2005 22 2**  
With terminal strip, with 3 x V-TEC VM 20 with locknuts



**X04 T G M25 2005 22 4**  
With terminal strip, with 3 x V-TEC VM 25 with locknuts



**X06 T G M25 2005 22 6**  
With terminal strip, with 3 x V-TEC VM 25 with locknuts



**X01 G M20 LGR 2005 03 0**  
With 3 x V-TEC VM20



**X02 G M20 LGR 2005 03 2**  
With 3 x V-TEC VM20



**X04 G M20 LGR 2005 03 4**  
With 3 x V-TEC VM20



**X01 UT G LGR 2005 24 0**  
With 3 x 61 525 FL, with 3 x V-TEC VM 20 with locknuts



**X02 UT G LGR 2005 24 4**  
With 3 x 61 525 FL, with 3 x V-TEC VM 20 with locknuts



**X04 UT G LGR 2005 24 8**  
With 3 x 61 525 FL, with 3 x V-TEC VM 25 with locknuts



**X06 R LGR-TR 2005 09 2**  
With hat profile rail type 2069



**X10 R LGR-TR 2005 09 6**  
With hat profile rail type 2069



**X16 R LGR-TR 2005 10 0**  
With hat profile rail type 2069



**X25 R LGR-TR 2005 10 4**  
With hat profile rail type 2069



**X06 H25 GP4 LGR 2005 30 4**  
With 4-pin HLAk, 16 terminals, for 16 mm<sup>2</sup>



**X10 H25 GNP5 LGR 2005 30 8**  
With 5-pin HLAk, 20 terminals, for 16 mm<sup>2</sup>



**X16 H25 GNP5 LGR 2005 31 2**  
With 5-pin HLAk, 20 terminals, for 16 mm<sup>2</sup>  
**X16 H35 GNP5 LGR 2005 31 6**  
20 terminals, for 25 mm<sup>2</sup>

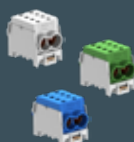


**X25 H35 GNP5 LGR 2005 32 0**  
With 5-pin HLAk, 20 terminals, for 25 mm<sup>2</sup>  
**X25 H50 GNP5 LGR 2005 32 4**  
20 terminals, for 35 mm<sup>2</sup>

## Main line branch terminals



**HLAK 5-10x25 2009 03 8**  
Main line branch terminal, 5-pole



**HLAK 1-2x35**  
GR 2009 04 2  
GRGN 2009 04 4  
GRBL 2009 04 6  
Main line branch terminal, 1-pole

**X series**  
Empty housing  
Light grey  
Light grey



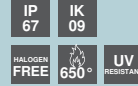
**X series**  
Empty housing  
Light grey  
Transparent



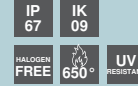
**X series**  
Empty housing  
Graphite black  
Graphite black



**X series**  
Empty housing  
+ Hat profile rail



**X series**  
Empty housing  
+ Transparent cover  
+ Hat profile rail



**X01**

95 x 95 x 60 mm



**X01C LGR** 2005 45 0  
Closed



**X01C LGR-TR** 2005 52 0  
Closed



**X01C SW** 2005 59 0  
Closed

**X02**

95 x 95 x 72 mm



**X02C LGR** 2005 45 4  
Closed



**X02C LGR-TR** 2005 52 4  
Closed



**X02C SW** 2005 59 4  
Closed

**X04**

114 x 114 x 78 mm



**X04C LGR** 2005 45 8  
Closed



**X04C LGR-TR** 2005 52 8  
Closed



**X04C SW** 2005 59 8  
Closed

**X06**

190 x 150 x 125 mm



**X06C LGR** 2005 46 2  
Closed



**X06C LGR-TR** 2005 53 2  
Closed



**X06C SW** 2005 60 2  
Closed



**X06C R LGR** 2005 49 0  
With hat profile rail type 2069



**X06C R LGR-TR** 200 556 0  
With hat profile rail type 2069

**X10**

240 x 191 x 125 mm



**X10C LGR** 2005 46 6  
Closed



**X10C LGR-TR** 2005 53 6  
Closed



**X10C SW** 2005 60 6  
Closed



**X10C R LGR** 200 549 4  
With hat profile rail type 2069



**X10C R LGR-TR** 2005 56 4  
With hat profile rail type 2069

**X16**

286 x 202 x 126 mm



**X16C LGR** 2005 47 0  
Closed



**X16C LGR-TR** 2005 54 0  
Closed



**X16C SW** 2005 61 0  
Closed



**X16C R LGR** 2005 49 8  
With hat profile rail type 2069



**X16C R LGR-TR** 2005 56 8  
With hat profile rail type 2069

**X25**

286 x 202 x 126 mm



**X25C LGR** 2005 47 4  
Closed



**X25C LGR-TR** 2005 54 4  
Closed



**X25C SW** 2005 61 4  
Closed



**X25C R LGR** 2005 50 2  
With hat profile rail type 2069



**X25C R LGR-TR** 2005 57 2  
With hat profile rail type 2069

**Mounting plates for fastening on cable trays**



**MP FL FS** 7084 75 7  
Strip galvanised, FS  
**MP FL DD** 7085 10 8  
Zinc-aluminium-coated, DD



**MP WI GR FS** 7084 75 7  
Strip galvanised, FS  
**MP WI GR DD** 7085 10 8  
Zinc-aluminium-coated, DD



**MP 225 UNI FS** 7084 87 0  
Strip galvanised, FS



### Mx series

Die-cast aluminium  
Powder-coated, light  
grey RAL 7035

IP  
66

### Mx series

Die-cast aluminium  
Paintable

IP  
66

### SDB small distributor

Polystyrene  
+ Knock-out entries  
+ Cover strip  
+ Pre-mounted 35 mm  
hat profile rail

IP 66 IK09 M 400 V 650

### SDB small distributor

Polycarbonate  
+ Knock-out entries  
+ Cover strip  
+ Pre-mounted 35 mm  
hat profile rail

IP 66 IK09 M 400 V UV RES. START 850 °C D'E



**Mx 060503 LGR** 2011 30 4  
64 x 58 x 36 mm



**Mx 080705 LGR** 2011 30 8  
80 x 75 x 57 mm



**Mx 120805 LGR** 2011 31 2  
125 x 80 x 57 mm



**Mx 151008 LGR** 2011 31 6  
150 x 100 x 80 mm



**Mx 161609 LGR** 2011 32 0  
160 x 160 x 90 mm



**Mx 170805 LGR** 2011 32 4  
175 x 80 x 80 mm



**Mx 241610 LGR** 2011 32 8  
240 x 160 x 100 mm



**Mx 361609 LGR** 2011 33 2  
360 x 160 x 90 mm



**Mx 060503 CR3** 2011 37 8  
64 x 58 x 34 mm



**Mx 080705 CR3** 2011 38 1  
80 x 75 x 57 mm



**Mx 090603 CR3** 2011 38 4  
98 x 64 x 34 mm



**Mx 120805 CR3** 2011 38 6  
125 x 80 x 57 mm



**Mx 161008 CR3** 2011 38 9  
160 x 100 x 81 mm



**Mx 161609 CR3** 2011 39 2  
160 x 160 x 90 mm



**Mx 221209 CR3** 2011 39 4  
220 x 120 x 90 mm



**Mx 261609 CR3** 2011 39 6  
260 x 160 x 90 mm



**Mx 361609 CR3** 2011 39 8  
360 x 160 x 90 mm

M20 M25



**3 division units**  
SDB 03L PS 2008 820  
SDB 03 PS 2008 800  
With terminal set and labelling  
sheet

M20 M25



**5 division units**  
SDB 05L PS 2008 824  
SDB 05 PS 2008 804  
With terminal set and labelling  
sheet

M20 M25 M32



**9 division units**  
SDB 09L PS 2008 828  
SDB 09 PS 2008 808  
With terminal set and labelling  
sheet

M20 M25 M32



**12 division units**  
SDB 12L PS 2008 832  
SDB 12 PS 2008 812  
With terminal set and labelling  
sheet

M20 M25



**3 division units**  
SDB 03L PC 2008 860  
SDB 03 PC 2008 840  
With terminal set and labelling  
sheet

M20 M25



**5 division units**  
SDB 05L PC 2008 864  
SDB 05 PC 2008 844  
With terminal set and labelling  
sheet

M20 M25 M32



**9 division units**  
SDB 09L PC 2008 868  
SDB 09 PC 2008 848  
With terminal set and labelling  
sheet

M20 M25 M32



**12 division units**  
SDB 12L PC 2008 872  
SDB 12 PC 2008 852  
With terminal set and labelling  
sheet



**MP WI KL FS** 7084 76 5  
Strip galvanised, FS  
**MP WI aKL DD** 7085 11 1  
Zinc-aluminium-coated, DD



**MP UNI FS** 7084 77 3  
Strip galvanised, FS  
**MP UNI DD** 7085 11 4  
Zinc-aluminium-coated, DD

# Strong partners for every requirement

## V-TEC cable gland

Fastest, most convenient means of cable entry for junction boxes and housings:

- Strain relief and tightness (protection class IP68)  
Tested to DIN EN 62444
- Available with metric and PG connection threads
- Also available as a set including locknuts or as separable cable gland



## Terminal systems

Connect all kinds of conductors simply, safely and reliably



### Screwless terminal, universal

- Simple connection and disconnection of flexible, multi-wire and rigid conductors
- Insertion of rigid conductors possible without actuation of the release lever
- 0.2 mm<sup>2</sup>–2.5 mm<sup>2</sup>
- Tested to EN 60998

### Screwless terminal

- Screwless terminal to connect single-wire or rigid, multi-wire conductors
- 3,5 and 8-pin version
- 0.5 mm<sup>2</sup>–2.5 mm<sup>2</sup> nominal cross-section
- Tested to EN 60996

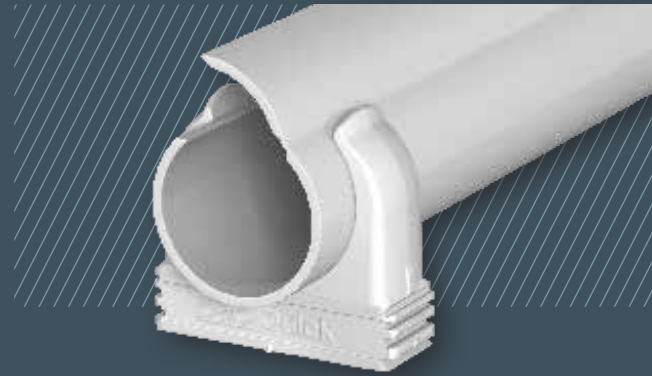
### Luminaire connection terminal

- For the toolless connection of single-wire and multi-wire conductors
- 0.5–2.5 mm<sup>2</sup> nominal cross-section
- Tested to EN 60996

## Quick pipe

In connection with Quick Clips, the ideal solution for rapid surface-mounted installations and trouble-free reinstallation

- Simple installation thanks to the highly elastic hinge
- Rapid closing by turning the Quick pipe in the Quick clip
- In 4 sizes: M16-M32
- In 2 colours: Pure white and light grey



## Quick clip

Arrangeable cable and pipe clips in 3 variants

### starQuick clip

- Snap lock with patented safety system
- Can be lined up up to size SQ28
- UV and weather-resistant

### Multi-Quick clip

- One clip for multiple dimensions
- Universal application
- PG and metric



### Quick clip

- "High-speed clip"
- Extreme loading capacity
- Patented arrangement contour: Fasten up to 3 clips with one drill hole

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export@obo.de

[www.obo-bettermann.com](http://www.obo-bettermann.com)

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**Building Connections**

