Junction boxes overview

A wide range of junction boxes for any installation requirements in all kinds of application areas

OBO BETTERMANN

A series
The everyday hero

The A series family is one of our well-known classic brands. Made of halogen-free thermoplastic, it offers 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

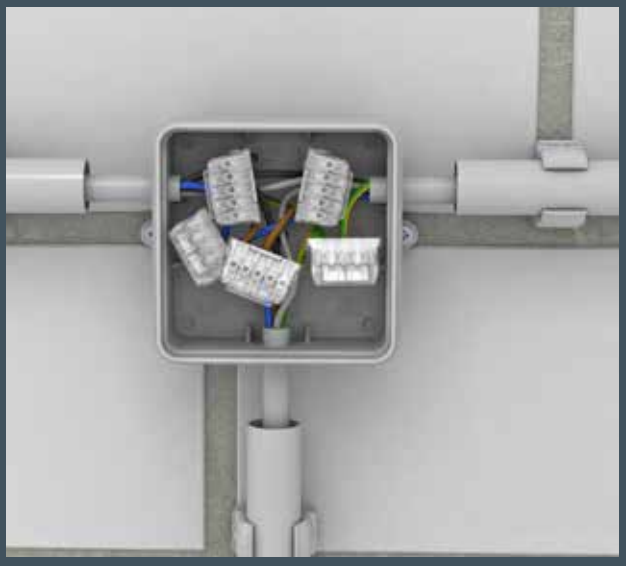
Private garages and carports

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.

Pre-marked cable entries
Using the cut-out tool supplied, the pre-marked cable entries can be punctured quickly and used.

Tight-fitting clamshell
The covers of the A series also enable 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.

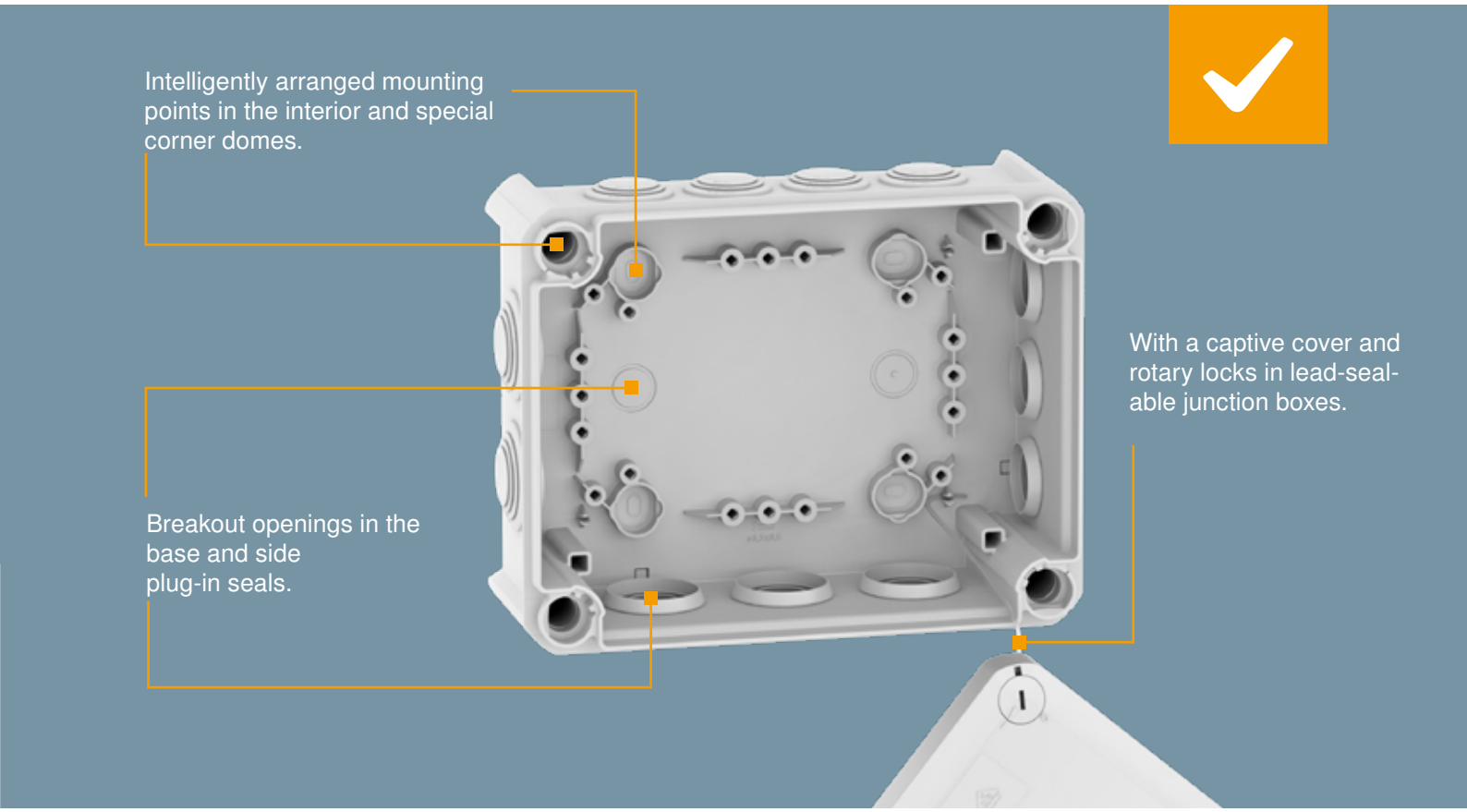
The T series is characterised by its intelligent construction and practical details, because it is as versatile as the requirements placed on it. No matter whether dealing with a flexible wiring compartment of different shapes and sizes, the colour differentiation of circuits, checking of electrical 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 electrical function**

All the benefits at a glance



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.

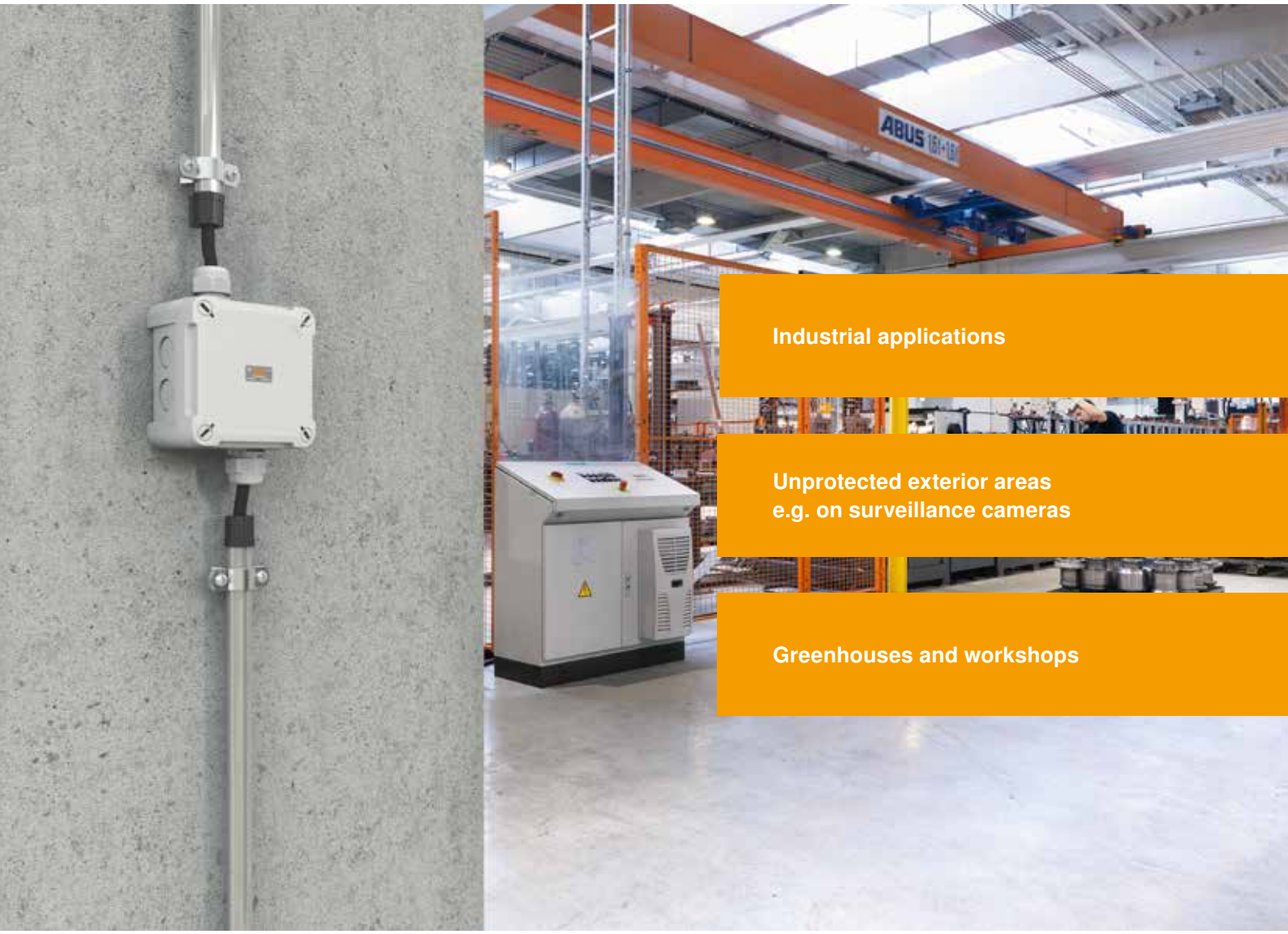
Maintenance of electrical function with the FireBox
Together with the supplied bolt ties, the high-temperature-resistant ceramic connection unit of the OBO FireBox forms a fire protection-tested system, approved for mounting on concrete, masonry, calcareous limestone and brick.

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.

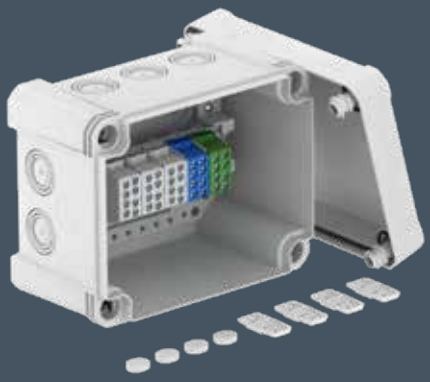
X series
The eXtreme athlete

Here, professionals are at work: The junction boxes are high quality and robust, because, with an impact resistance of up to IK 09 (applies to the X01–X16 variants), 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.



Extra strong, particularly high load capacity



Impact resistance

The use of special plastics on the basis of high-quality polycarbonate allows the junction boxes and empty housings of the X series with classification up to IK09 (applies to the X01–X16 variants) to offer the highest impact resistance in their 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 DIN 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 installations 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**
A6	100 ml	1
A8	130 ml	1
A11	190 ml	1
A14	290 ml	1
A18	380 ml	1

T series	ml per unit*	PU**
T25	80 ml	1
T40	250 ml	1
T60	410 ml	1 M
T60 HD	590 ml	1 L
T100	720 ml	1 L
T100 HD	770 ml	1 L
T160	1,540 ml	1 XL
T160 HD	1,930 ml	2 XL
T250	3,170 ml	2 XL
T250 HD	3,310 ml	2 XL
T350	5,200 ml	4 XL
T350 HD	6,830 ml	5 XL

X series	ml per unit	PU**
X01	300 ml	1 M
X02	380 ml	1 M
X04	580 ml	1 L
X06	930 ml	1 L
X10	2,600 ml	2 XL
X16	4,390 ml	3 XL
X25	6,840 ml	4 XL

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

	M	L	XL
250 ml	400 ml	800 ml	1,600 ml

A series
Light grey

IP 55 | 2.5 mm² | HALOGEN FREE | IK 07 | 650° | VDE

A series
Pure white

IP 55 | 2.5 mm² | HALOGEN FREE | IK 07 | 650° | VDE

A series
Red

IP 55 | 2.5 mm² | HALOGEN FREE | IK 07 | 650° | VDE

A6
80 x 43 x 34 mm

10

A6	**2000001**
Without terminal strip	

10

A6 HF RW	**2000005**
Without terminal strip	

10

A6 HF RO	**2000003**
Without terminal strip	

A8
75 x 75 x 36.2 mm

7

A8 5	**2000024**
1 terminal strip	
A8	**2000016**
Without terminal strip	

With terminal strip

7

A8 HF RW	**2000075**
Without terminal strip	

7

A8 HF RO	**2000059**
Without terminal strip	

A11
85 x 85 x 40 mm

12

A11 5	**2000326**
1 terminal strip	
A11	**2000342**
Without terminal strip	

With terminal strip

12

A11 HF RW	**2000180**
Without terminal strip	

12

A11 HF RO	**2000164**
Without terminal strip	

A14
100 x 100 x 40 mm

14

A14 5	**2000382**
1 terminal strip	
A14	**2000378**
Without terminal strip	

With terminal strip

14

A14 HF RW	**2000390**
Without terminal strip	

14

A14 HF RO	**2000386**
Without terminal strip	

A18
125 x 100 x 40 mm

18

A18 5	**2000414**
1 terminal strip	
A18	**2000410**
Without terminal strip	

With terminal strip

18

A18 HF RW	**2000422**
Without terminal strip	

18

A18 HF RO	**2000418**
Without terminal strip	

Accessories

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

Terminal strip **2017342**
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** 2007029 4x M25		 **T25 RW** 2007509 4x M25	 **T25 F** 2007312 4x M25	 **T25 KL** 2007430 4x M25	
T40 90 x 90 x 52 mm	 **T40** 2007045 7x M25	 **T 40 RO-LGR** 2007630 7x M25	 **T40 RW** 2007517 7x M25	 **T40 F** 2007320 4x M25	 **T40 KL** 2007432 4x M25	 **T40 OE** 2007223 Closed
T60 114 x 114 x 57 mm	 **T60** 2007061 7x M25	 **T 60 RO-LGR** 2007638 7x M25	 **T60 RW** 2007525 7x M25	 **T60 F** 2007339 4x M25	 **T60 KL** 2007434 4x M25	 **T60 OE** 2007239 Closed
T100 150 x 116 x 67 mm	 **T100** 2007077 10x M25 **T100 M25-M32** 2007081 8x M25, 2x M32	 **T 100 RO-LGR** 2007644 10x M25	 **T100 RW** 2007533 10x M25	 **T100 F** 2007347 4x M25	 **T100 KL** 2007436 4x M25	 **T100 OE** 2007255 Closed
T160 190 x 150 x 77 mm	 **T160** 2007093 7x M25, 5x M32 **T160 M32** 2007097 10x M32	 **T 160 RO-LGR** 2007649 7x M25, 5x M32	 **T160 RW** 2007541 7x M25, 5x M32	 **T160 F** 2007355 4x M25	 **T160 KL** 2007440 4x M25	 **T160 OE** 2007271 Closed
T250 240 x 190 x 95 mm	 **T250** 2007109 9x M25, 7x M32	 **T 260 RO-LGR** 2007657 9x M25, 7x M32	 **T250 RW** 2007554 9x M25, 7x M32	 **T250 F** 2007363 4x M25	 **T250 KL** 2007444 4x M25	 **T250 OE** 2007287 Closed
T350 285 x 201 x 120 mm	 **T350** 2007125 16x M32, 8x M40		 **T350 RW** 2007568 16x M32, 8x M40	 **T350 F** 2007371 4x M25	 **T350 KL** 2007448 4x M25	 **T350 OE** 2007303 Closed

T series sets

T 60 M25 NL 2007922
Version with plug-in seal
with 3 M25 cable glands

T 60 M20 NL 2007918
Version with pre-marking
with 3 M25 cable glands

T series
With high cover
+ Plug-in seals

IP 66 · HALOGEN FREE · 500 V · 650 ° · UV RESISTANT · VDE

T 60 HD LGR **2007710**
7x M25

T 100 HD LGR **2007712**
10x M25

T 160 HD LGR **2007714**
7x M25, 5x M32

T 250 HD LGR **2007716**
9x M25, 7x M32

T 350 HD LGR **2007718**
16x M32, 8x M40

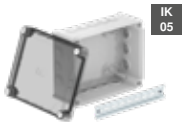
T series
With high transparent cover
+ Plug-in seals

IP 66 · HALOGEN FREE · 500 V · 650 ° · UV RESISTANT · VDE

T 60 HD TR **2007750**
7x M25

T 100 HD TR **2007752**
10x M25

T 160 HD TR **2007754**
7x M25, 5x M32



T 250 HD TR **2007756**
9x M25, 7x M32

T 350 HD TR **2007758**
16x M32, 8x M40

T series
With high cover, closed

IP 66 · HALOGEN FREE · 500 V · 650 ° · UV RESISTANT · VDE

T 60 OE HD LGR **2007730**
Closed

T 100 OE HD LGR **2007732**
Closed

T 160 OE HD LGR **2007734**
Closed

T 250 OE HD LGR **2007736**
Closed

T 350 OE HD LGR **2007738**
Closed

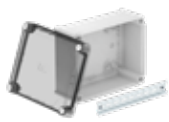
T series
With high transparent cover, closed

IP 66 · HALOGEN FREE · 500 V · 650 ° · UV RESISTANT · VDE

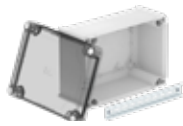
T 60 OE HD TR **2007770**
Closed

T 100 OE HD TR **2007772**
Closed

T 160 OE HD TR **2007774**
Closed



T 250 OE HD TR **2007776**
Closed



T 350 OE HD TR **2007778**
Closed

T series
+ Knock-out entries

HALOGEN FREE · 500 V · 650 ° · UV RESISTANT · VDE

IP 55 · IK 07

T 40 M20 **2007900**
With M20 knock-out entries

T 40 M20 SW **2007901**
Black

T 40 M20 KL **2007904**
With terminal strip

IP 66 · IK 07

T 60 M20 **2007910**
With M20 knock-out entries

T 60 M20 KL **2007914**
With terminal strip

IP 66 · IK 07

T 60 M25 **2007926**
With M25 knock-out entries

T 60 M25 Ro-LGR **2007927**
With red cover

T series
+ Strain relief entries

IP 30 · HALOGEN FREE · 650 ° · UV RESISTANT · 500 V · VDE

IK 05

T 60 ZE IP30 **2007803**
7 strain relief entries

IK 05

T 100 ZE IP30 **2007805**
10 strain relief entries

T series accessories

BE TS KR **2007835**
Fastening element for T 60 and T 100 on a cable tray

BE TS GR **2007833**
Fastening element for T 60 and T 100 on a mesh cable tray

T-S MST **2007831**
Fastening pin

T series
for plug contacts

IP 30 | HALOGEN FREE | 500 V | 650 ° | UV RESISTANT | VDE

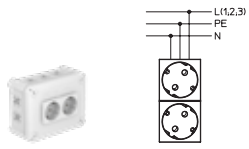
With openings for the mounting of plug contacts (Wieland/WAGO)
T 100 WB3 **2007807**

With openings for the mounting of plug contacts (Wieland/WAGO)
T 100 WB3-10 **2007808**

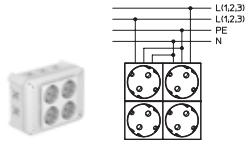
With openings for the mounting of plug contacts (Wieland/WAGO)
T 100 WB5 **2007840**

T series
Pre-terminated
Modul 45 variants

IP 30 | HALOGEN FREE | 650 ° | UV RESISTANT | 500 V | VDE



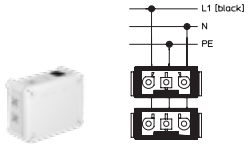
2 Modul 45 sockets in the cover, 1-pin
T 100 2MSD WS **2007821**
2 sockets, 33° white



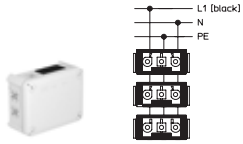
4 Modul 45 sockets in the cover, 2-pin
T 100 4MSD WS **2007825**
4 sockets, 33° white

T series
Single-phase
pre-terminated for plug contacts

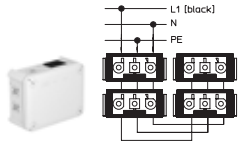
IP 30 | HALOGEN FREE | 500 V | 650 ° | UV RESISTANT | VDE



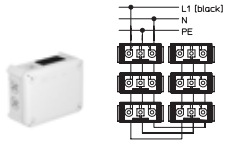
3-pin Wieland socket, single-phase
T 100 WB 2S3 **2007809**
Wieland socket 2 b



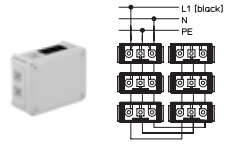
3-pin Wieland socket, single-phase
T 100 WB 3S3 **2007813**
Wieland socket 3b



3-pin Wieland socket, single-phase
T 100 WB 4S3 **2007811**
Wieland socket 4b



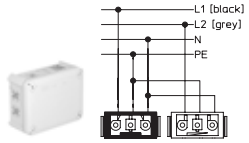
3-pin Wieland socket, single-phase
T 100 WB 6S3 **2007822**
Wieland socket 6b



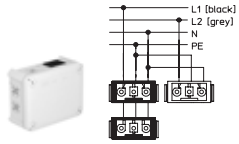
3-pin WAGO socket, single-phase
T 100 WWB 6SW **2007790**
150 x 116 x 67

T series
Two-phase
pre-terminated for plug contacts

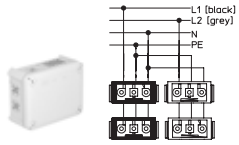
IP 30 | HALOGEN FREE | 500 V | 650 ° | UV RESISTANT | VDE



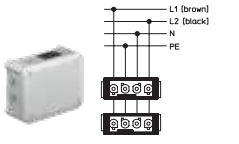
3-pin Wieland socket, two-phase
T 100 WB 1W3 1S3 **2007815**
W socket 1w+1b



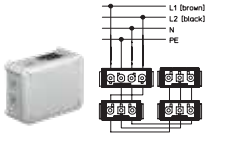
3-pin Wieland socket, two-phase
T 100 WB 1W3 2S3 **2007817**
W socket 1w+2b



3-pin Wieland socket, two-phase
T 100 WB 2W3 2S3 **2007819**
W socket 2w+2b



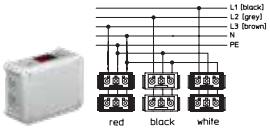
4-pin Wieland socket, two-phase
T 100 WB 2s4 **2007848**
W socket 2s



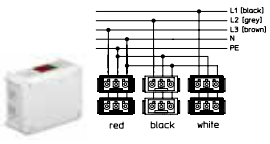
4-pin Wieland socket, two-phase
T 100 WB 3S3 1S4 **2007844**
W socket 3s+1s

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

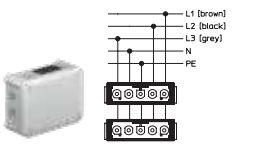
IP 30 | HALOGEN FREE | 500 V | 650 ° | UV RESISTANT | VDE



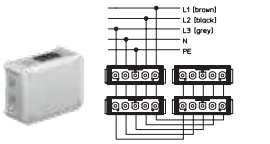
3-pin WAGO socket, three-phase
T 100 WWB **2007792**
W socket 3x2 (bl; bl; rd)



3-pin Wieland socket, three-phase
T 100 WB 6S **2007814**
W socket 6s3p 3x2



5-pin Wieland socket, three-phase
T 100 WB 2s5 **2007852**
W socket 2s

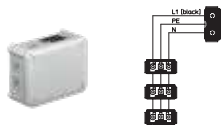


5-pin Wieland socket, three-phase
T 100 WB 4s5 **2007856**
W socket 4s

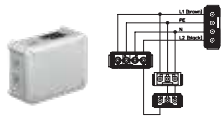
T series
Pre-terminated
connectors and sockets

IP 30 | HALOGEN FREE | 500 V | 650 ° | UV RESISTANT | VDE

Wieland connector and socket
T100 WS 1S3 2S3D **2007876**



Wieland connector and socket
T100 WS 1S3 3S3A **2007870**



Wieland connector and socket
T100 WS 1S4 2S3C **2007874**

FireBox
With
plug-in seals, single terminals

E30 E60 E90 HALOGEN FREE

FireBox
With
plug-in seals, double terminals

E30 E60 E90 HALOGEN FREE

FireBox
With
plug-in seals, 1 fuse holder

E30 E60 E90 HALOGEN FREE

FireBox
With
plug-in seals, 2 fuse holders

E30 E60 E90 HALOGEN FREE

FireBox
for data technology

E30 E60 E90 HALOGEN FREE

FireBox
Empty, closed

E30 E60 E90 HALOGEN FREE

T100 — 150 x 116 x 67 mm

T100ED 06A 7205740
For 6 mm² nominal cross-section

T100ED 06-2A 7205746
For 6 mm² nominal cross-section

T100ED 06AF 7205752
For 6 mm² nominal cross-section

T100ED 06A2F 7205758
For 6 mm² nominal cross-section

T100ED 4x4AD 7205 76 4
For 0.5 – 4 mm² nominal cross-section

T100ED 4x8AD 7205 76 6
For 0.5 – 4 mm² nominal cross-section

T100E 0VA 7205 78 0

T160 — 190 x 150 x 77 mm

T160ED 10A 7205742
For 10 mm² nominal cross-section

T160ED 10-2A 7205748
For 10 mm² nominal cross-section

T160ED 10AF 7205 75 4
For 10 mm² nominal cross-section

T160ED 10A2F 7205760
For 10 mm² nominal cross-section

T160E 0VA 7205 78 2

T250 — 240 x 190 x 95 mm

T250ED 16A 7205744
For 16 mm² nominal cross-section

T250ED 16-2A 7205750
For 16 mm² nominal cross-section

T250ED 16AF 7205 75 6
For 16 mm² nominal cross-section

T250ED 16A2F 7205762
For 16 mm² nominal cross-section

T250ED 4x16AD 7205768
For 0.5 – 4 mm² nominal cross-section

T250ED 4x24AD 7205770
For 0.5 – 4 mm² nominal cross-section

T250E 0VA 7205784

T350 — 285 x 201 x 120 mm

T350ED 4x32AD 7205772
For 0.5 – 4 mm² nominal cross-section

T350E 0VA 7205786
Closed

FireBox accessories

Fuse holder

TE-FH 520	7205570

Ceramic single terminal

TK 04	7205700
TK 06	7205702
TK 10	7205704
TK 16	7205706

Ceramic double terminal

TK 06-2	7205703
TK 10-2	7205705
TK 16-2	7205707

Plug-in seals

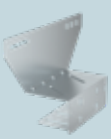
EDK 25 OR	7205675
EDK 32 OR	7205677
EDK 40 OR	7205679

Cable gland with locknut set

V-TECVM16+	7205657
V-TECVM20+	7205660
V-TECVM25+	7205663
V-TECVM32+	7205666
V-TECVM40+	7205669

Protective conductor terminal

TPE 04	7205709
TPE 25	7205714



Mounting plate, front side

MP-T6-F	7205790

Mounting plate, rear side

MP-T6-B	7205792

Identification plate

KS-E DE	7205423
KS-E EN	7205432

	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
	IP 67 IK 09 * HALOGEN FREE 650° UV RESISTANT	IP 67 IK 09 * HALOGEN FREE 650° UV RESISTANT	IP 67 IK 09 * HALOGEN FREE 650° UV RESISTANT	IP 67 IK 09 * HALOGEN FREE 650° UV RESISTANT	IP 67 IK 09 * HALOGEN FREE 650° UV RESISTANT
X01 95 x 95 x 60 mm	 **X01 LGR** **2005000** 7x M20	 **X01 LGR-TR** **2005050** 7x M20	 **X01 SW** **2005110** 7x M20	 **X01 SW-RO** **2005140** 7x M20	 **X01 T LGR** **2005190** With 5-pin terminal strip
X02 95 x 95 x 72 mm	 **X02 LGR** **2005004** 7x M20	 **X02 LGR-TR** **2005054** 7x M20	 **X02 SW** **2005114** 7x M20	 **X02 SW-RO** **2005144** 7x M20	 **X02 T LGR** **2005194** With 5-pin terminal strip
X04 114 x 114 x 78 mm	 **X04 LGR** **2005008** 7x M20/M25	 **X04 LGR-TR** **2005058** 7x M20/M25	 **X04 SW** **2005118** 7x M20/M25	 **X04 SW-RO** **2005148** 7x M20/M25	 **X04 T LGR** **2005198** With 5-pin terminal strip
X06 151 x 117 x 87 mm	 **X06 LGR** **2005012** 8x M20/M25	 **X06 LGR-TR** **2005062** 8x M20/M25	 **X06 SW** **2005122** 8x M20/M25	 **X06 SW-RO** **2005152** 8x M20/M25	 **X06 T LGR** **2005202** With 5-pin terminal strip
X10 191 x 151 x 126 mm	 **X10 LGR** **2005016** 10x M20/M25/M32	 **X10 LGR-TR** **2005066** 10x M20/M25/M32	 **X10 SW** **2005126** 10x M20/M25/M32	 **X10 SW-RO** **2005156** 10x M20/M25/M32	 **X10 T LGR** **2005206** With 5 terminal strips of 4 terminals each
X16 241 x 191 x 126 mm	 **X16 LGR** **2005020** 10x M25/M32/M40	 **X16 LGR-TR** **2005070** 10x M25/M32/M40	 **X16 SW** **2005130** 10x M25/M32/M40	 **X16 SW-RO** **2005160** 10x M25/M32/M40	 **X16 T LGR** **2005210** With 5 terminal strips of 4 terminals each
X25 286 x 202 x 126 mm	 **X25 LGR** **2005024** 10x M25/M32/M40	 **X25 LGR-TR** **2005074** 10x M25/M32/M40	 **X25 SW** **2005134** 10x M25/M32/M40	 **X25 SW-RO** **2005164** 10x M25/M32/M40	 **X25 T LGR** **2005214** With 5 terminal strips of 4 terminals each

*Applies for the variants X01–X16

Main line branch terminals

HLAK 4-8x16 **2009032**

Main line branch terminal, 4-pin

HLAK 5-10x16 **2009036**

Main line branch terminal, 5-pin

	X series Junction box + Terminal strip + Cable glands + lock-nuts IP 67 · IK 09 HALOGEN FREE · 650 ° · UV RESISTANT	**X series** Junction box + Cable glands + Locknuts IP 67 · IK 09 HALOGEN FREE · 650 ° · UV RESISTANT	**X series** Junction box + Universal screwless terminals + Cable glands + lock-nuts IP 67 · IK 09 HALOGEN FREE · 650 ° · UV RESISTANT	**X series** Junction box + Transparent cover + Hat profile rail IP 67 · IK 09 * HALOGEN FREE · 650 ° · UV RESISTANT	**X series** Junction box + Main line branch terminal IP 67 · IK 09 * HALOGEN FREE · 650 ° · UV RESISTANT
X01 95 x 95 x 60 mm	 **X01 T G M20 LGR 2005220** With terminal strip, with 3x V-TEC VM 20 with locknuts	 **X01 G M20 LGR 2005030** With 3x V-TEC VM20	 **X01 UT G LGR 2005240** With 3x 61 525 FL, with 3x V-TEC VM 20 with locknuts		
X02 95 x 95 x 72 mm	 **X02 T G M20 LGR 2005222** With terminal strip, with 3x V-TEC VM 20 with locknuts	 **X02 G M20 LGR 2005032** With 3x V-TEC VM20	 **X02 UT G LGR 2005244** With 3x 61 525 FL, with 3x V-TEC VM 20 with locknuts		
X04 114 x 114 x 78 mm	 **X04 T G M25 2005224** With terminal strip, with 3x V-TEC VM 25 with locknuts	 **X04 G M20 LGR 2005034** With 3x V-TEC VM20	 **X04 UT G LGR 2005248** With 3x 61 525 FL, with 3x V-TEC VM 25 with locknuts		
X06 151 x 117 x 87 mm	 **X06 T G M25 2005226** With terminal strip, with 3x V-TEC VM 25 with locknuts			 **X06 R LGR-TR 2005092** With hat profile rail type 2069	 **X06 H25 GP4 LGR 2005304** With 4-pole HLAK, for 2x 25 mm² + 2x 16 mm² per pole
X10 191 x 151 x 126 mm				 **X10 R LGR-TR 2005096** With hat profile rail type 2069	 **X10 H25 GNP5 LGR 2005308** With 4-pole HLAK, for 2x 25 mm² + 2x 16 mm² per pole
X16 241 x 191 x 126 mm				 **X16 R LGR-TR 2005100** With hat profile rail type 2069	 **X16 H25 GNP5 LGR 2005312** With 4-pole HLAK, for 2x 25 mm² + 2x 16 mm² per pole **X16 H35 GNP5 LGR 2005316** With 4-pole HLAK, for 2x 35 mm² + 2x 16 mm² per pole
X25 286 x 202 x 126 mm				 **X25 R LGR-TR 2005104** With hat profile rail type 2069	 **X25 H35 GNP5 LGR 2005320** With 4-pole HLAK, for 2x 35 mm² + 2x 16 mm² per pole **X25 H50 GNP5 LGR 2005324** 20 terminals, for 4x 50 mm² per pole

*Applies for the variants X01–X16

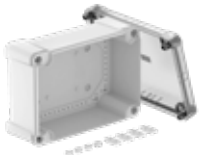
Main line branch terminals

HLAK 5-10x25 2009038
Main cable branch terminal, 5-pole

HLAK 1-2x35

GR	**2009042**
GRGN	**2009044**
GRBL	**2009046**

Main cable 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
	IP 67 · IK 09 * · HALOGEN FREE · 650 ° · UV RESISTANT	IP 67 · IK 09 * · HALOGEN FREE · 650 ° · UV RESISTANT	IP 67 · IK 09 * · HALOGEN FREE · 650 ° · UV RESISTANT	IP 67 · IK 09 * · HALOGEN FREE · 650 ° · UV RESISTANT	IP 67 · IK 09 * · HALOGEN FREE · 650 ° · UV RESISTANT
X01 95 x 95 x 60 mm	 **X01C LGR** **2005450** Closed	 **X01C LGR-TR** **2005520** Closed	 **X01C SW** **2005590** Closed		
X02 95 x 95 x 72 mm	 **X02C LGR** **2005454** Closed	 **X02C LGR-TR** **2005524** Closed	 **X02C SW** **2005594** Closed		
X04 114 x 114 x 78	 **X04C LGR** **2005458** Closed	 **X04C LGR-TR** **2005528** Closed	 **X04C SW** **2005598** Closed		
X06 190 x 150 x 125 mm	 **X06C LGR** **2005462** Closed	 **X06C LGR-TR** **2005532** Closed	 **X06C SW** **2005602** Closed	 **X06C R LGR** **2005490** With hat profile rail type 2069	 **X06C R LGR-TR** **2005560** With hat profile rail type 2069
X10 240 x 191 x 125 mm	 **X10C LGR** **2005466** Closed	 **X10C LGR-TR** **2005536** Closed	 **X10C SW** **2005606** Closed	 **X10C R LGR** **2005494** With hat profile rail type 2069	 **X10C R LGR-TR** **2005564** With hat profile rail type 2069
X16 286 x 202 x 126 mm	 **X16C LGR** **2005470** Closed	 **X16C LGR-TR** **2005540** Closed	 **X16C SW** **2005610** Closed	 **X16C R LGR** **2005498** With hat profile rail type 2069	 **X16C R LGR-TR** **2005568** With hat profile rail type 2069
X25 286 x 202 x 126 mm	 **X25C LGR** **2005474** Closed	 **X25C LGR-TR** **2005544** Closed	 **X25C SW** **2005614** Closed	 **X25C R LGR** **2005502** With hat profile rail type 2069	 **X25C R LGR-TR** **2005572** With hat profile rail type 2069

*Applies for the variants X01–X16

Mounting plates for fastening on cable trays

MP FL FS **7084757**
Strip galvanised, FS
MP FL DD **7085108**
Zinc-aluminium-coated, DD

MP WI GR. FS **7084781**
Strip galvanised, FS
MP WI GR. DD **7085112**
Zinc-aluminium-coated, DD

MP 225 UNI FS **7084870**
Strip galvanised, FS

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

IP 66 | IK 09 | UV RESISTANT | HALOGEN FREE

286 x 202 x 126 mm

Mx 060503 LGR **2011304**
64 x 58 x 36 mm

Mx 080705 LGR **2011308**
80 x 75 x 57 mm

160 x 100 x 81 mm

Mx 120805 LGR **2011312**
125 x 80 x 57 mm

Mx 151008 LGR **2011316**
150 x 100 x 80 mm

Mx 161609 LGR **2011320**
160 x 160 x 90 mm

175 x 80 x 57 mm

Mx 170805 LGR **2011324**
175 x 80 x 80 mm

260 x 160 x 90 mm

Mx 241610 LGR **2011328**
240 x 160 x 100 mm

Mx 361609 LGR **2011332**
360 x 160 x 90 mm

Mx series
Die-cast aluminium
Paintable

IP 66 | IK 09 | UV RESISTANT | HALOGEN FREE

Mx 060503 CR3 **2011378**
64 x 58 x 34 mm

Mx 080705 CR3 **2011381**
80 x 75 x 57 mm

Mx 090603 CR3 **2011384**
98 x 64 x 34 mm

Mx 120805 CR3 **2011386**
125 x 80 x 57 mm

Mx 161008 CR3 **2011389**
160 x 100 x 81 mm

160 x 100 x 81 mm

Mx 161609 CR3 **2011392**
160 x 160 x 90 mm

Mx 221209 CR3 **2011394**
220 x 120 x 90 mm

Mx 261609 CR3 **2011396**
260 x 160 x 90 mm

Mx 361609 CR3 **2011398**
360 x 160 x 90 mm

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

IP 66 | IK 09 | M | 400 V | 650 ° | HALOGEN FREE

M20 | M25

3 division units

SDB 03L PS	**2008820**
SDB 03 PS	**2008800**

With terminal set and labelling sheet

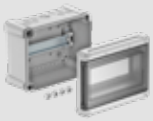
M20 | M25

5 division units

SDB 05L PS	**2008824**
SDB 05 PS	**2008804**

With terminal set and labelling sheet

M20 | M25 | M32



9 division units

SDB 09L PS	**2008828**
SDB 09 PS	**2008808**

With terminal set and labelling sheet

M20 | M25 | M32

12 division units

SDB 12L PS	**2008832**
SDB 12 PS	**2008812**

With terminal set and labelling sheet

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

IP 66 | IK 09 | M | 400 V | UV RESISTANT | 850 ° | HALOGEN FREE | DVE

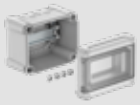
M20 | M25

3 division units

SDB 03L PC	**2008860**
SDB 03 PC	**2008840**

With terminal set and labelling sheet

M20 | M25

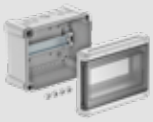


5 division units

SDB 05L PC	**2008864**
SDB 05 PC	**2008844**

With terminal set and labelling sheet

M20 | M25 | M32



9 division units

SDB 09L PC	**2008868**
SDB 09 PC	**2008848**

With terminal set and labelling sheet

M20 | M25 | M32

12 division units

SDB 12L PC	**2008872**
SDB 12 PC	**2008852**

With terminal set and labelling sheet

MP WI KL. FS **7084765**
Strip galvanised, FS
MP WI aKL. DD **7085111**
Zinc-aluminium-coated, DD

MP UNI FS **7084773**
Strip galvanised, FS
MP UNI DD **7085114**
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 mm²–2.5 mm²
- Tested to EN 60998

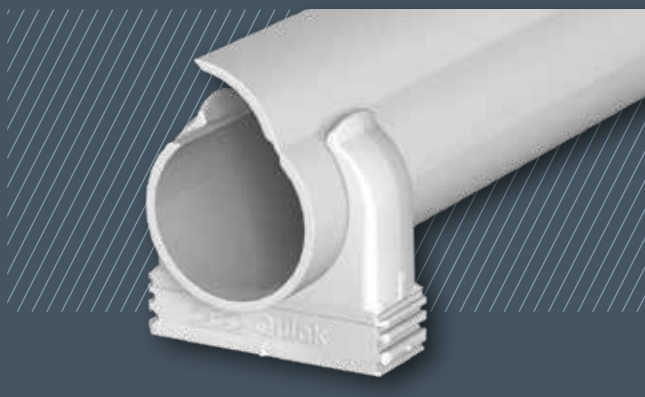
Screwless terminal

- Screwless terminal to connect single-wire or rigid, multi-wire conductors
- 3, 5 and 8-pin version
- 0.5 mm²–2.5 mm² 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 retro-installations

- 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 together up to size SQ28
- UV and weather-resistant

Multi-Quick clip

- One clip for multiple sizes
- 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

OBO Bettermann Holding GmbH & Co. KG
P.O. Box 1120
58694 Menden
GERMANY

Customer Service
Tel.: +49 (0)2373 89-1700
Fax: +49 (0)2373 89-1238
export@obo.de

www.obo-bettermann.com

Building Connections

© OBO Bettermann Item no. 9176916 08/2021 EN