

KTB MH 221513 EXIA

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Various types of terminal boxes are available for installing signal / power supplies or distributors in explosive risk zones. The terminal boxes are explosion-protected equipment approved for use in Ex areas in zones 0, 1, 2 and 20, 21, 22. They are certified in accordance with the latest international standards Ex e, Ex ia and Ex tb. Customer-specific configuration means these terminal boxes are the optimum solution for all applications. Use the product overview to find the right solution for you! Combine the enclosure, with or without threaded holes, a suitable mounting rail or pre-fitted strip terminals. We have put together a small selection for you, but we are happy to configure a bespoke solution for you. Features:

- Available in a wide range of versions to meet customer requirements
- Additional international approvals alongside IECEx and ATEX also available
- Increased quality thanks to the use of established basic products in the Klippon® brand

General ordering data

Version	Klippon TB (Terminal Box), Terminal Box, stainless steel enclosure, Height: 229 mm, Width: 152 mm, Depth: 133 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), electropolished, silver
Order No.	8000028398
Type	KTB MH 221513 EXIA
GTIN (EAN)	4050118593723
Qty.	1 items
Delivery status	Discontinued
Available until	2024-05-17T00:00:00+02:00

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Technical data

Approvals

Approvals CE; ATEX; IECEX

Dimensions and weights

Depth	133 mm	Depth (inches)	5.2362 inch
Height	229 mm	Height (inches)	9.0157 inch
Width	152 mm	Width (inches)	5.9842 inch
Diameter	11 mm	Mounting dimension - height	152 mm
Mounting dimension - width	178 mm	Net weight	3689.95 g

Temperatures

Ambient temperature -40 °C...55 °C Operating temperature

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	64dfc213-93f0-4c79-8ffa-c97fa9dcb873

Certificate numbers enclosure

Certificate no. Terminal Box (ATEX)	IBExU14ATEX1050	Certificate no. Terminal Box (IECEX)	IECEX IBE 14.0013
Identification	Ex ia IIC T4 Ga		

vertical assembly

WDU 4 / ZDU 4 1x22

Material data

Surface finish	electropolished	Basic material	Stainless steel 1.4404 (316L)
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General data

Colour	silver	Protection degree	IP66
Colour chart (similar)	RAL 7001		

Housing

Basic material	Stainless steel 1.4404 (316L)	Drill holes side C	none
Material type plate	Polyester coated with aluminium	Drill holes side D	none
Drill holes side A	none	Drill holes side B	2 x M16, 3 x M20, 1 x BDX

Standard features

Version	stainless steel enclosure	Reference product	KTB MH 221513 S4E1 , WDU 4 BL , KLIPPON BDX M20 S
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Classifications

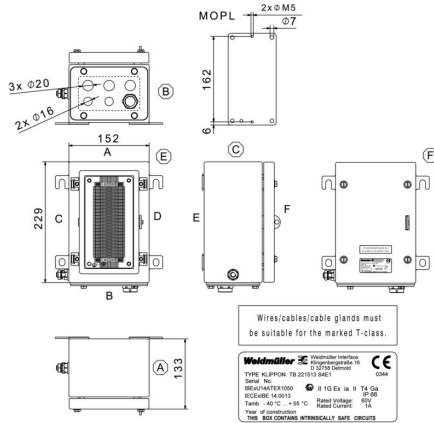
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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Drawings

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Accessories

229 x 152mm



Integrate, expand and customise: The ideal expansion for every application

The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.

Mounting plates

Mounting plates, with and without hole patterns, for longitudinal and transverse mounting of DIN mounting rails or components directly onto the mounting plate.

General ordering data

Type	KTB MOPL 2215 S2N	Version
Order No.	1193810000	Klippon TB (Terminal Box), Mounting plate, Height: 174 mm, Width:
GTIN (EAN)	4050118028409	91 mm, Depth: 1.5 mm, Basic material: Stainless steel 1.4301 (304),
Qty.	1 ST	untreated, silver

Gland plates without earthing studs



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Flange plates

Flange plates in two thicknesses, for easy replacement of pre-assembl

General ordering data

Type	KTB GP XX1513V AB S4 3MM	Version
Order No.	1280890000	Klippon TB (Terminal Box), flange plate, straight, Height: 146 mm,
GTIN (EAN)	4050118071627	Width: 100 mm, Depth: 3 mm, Gland plates: top, Bottom, Basic
Qty.	1 ST	material: Stainless steel 1.4404, Stainless steel 1.4404 (316L), electropolished, silver

Gland plates made out of stainless steel - 6 mm



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Accessories

General ordering data

Type	KTB GP XX1513V AB S4 6MM	Version
Order No.	1256270000	Klippon TB (Terminal Box), flange plate, straight, Height: 146 mm,
GTIN (EAN)	4050118092592	Width: 100 mm, Depth: 6 mm, Gland plates: top, Bottom, Basic
Qty.	1 ST	material: Stainless steel 1.4404, electropolished, silver

Stainless steel 1.4301



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Rain Covers

The rain cover provides an ideal, additional level of protection for the enclosure if it is installed in unusual climatic zones with, for instance, very heavy rainfall or extreme levels of direct sunlight.

General ordering data

Type	KTB RNHD 221513 R	Version
Order No.	1281360000	Klippon TB (Terminal Box), Rain hood, Height: 50.9 mm, Width: 157
GTIN (EAN)	4050118072075	mm, Depth: 142.8 mm, Basic material: Stainless steel 1.4301, Mirror
Qty.	1 ST	polished, silver

Type label holder



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Nameplate holders

There are a variety of designed label holders available for prominent display as required and for additional nameplates as needed.

General ordering data

Type	TPSDHA KTB 70X70M3 S2 R	Version
Order No.	1279320000	Klippon TB (Terminal Box), Ratings plate holder, Riveted, Height: 70
GTIN (EAN)	4050118070101	mm, Width: 70 mm, Depth: 20 mm, Basic material: Stainless steel
Qty.	1 ST	1.4301, Stainless steel 1.4301 (304), Mirror polished, silver

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Accessories

Earthing stud



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Earthing bolt

Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.

General ordering data

Type	PEBZ M10 KTB S4 SET	Version	
Order No.	1192690000	Klippon TB (Terminal Box), Earthing stud, Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Stainless steel	
GTIN (EAN)	4032248974658		
Qty.	1 ST	1.4404 (316L), untreated, silver	

Silicone seal material, -60°C - +70°C



Polyamide cable glands, which are suitable for usage in explosion risk zones Ex e (increased safety) and Ex i (intrinsic safety).

Weidmüller offers a product family without restrictions and besides compliance with standards, the cable gland excels thanks to its increased impact resistance of 4/7 Joule and a possible temperature range down to -60°C without restrictions. They have been tested to the current standard and EN 60079-0 directive, they are ATEX and IECEx certified.

General ordering data

Type	VG M16 EXI 5-8 SI7J G4	Version	
Order No.	2722360000	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, straight, M 16, 10 mm, OD min. 5 - OD max. 8 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6	
GTIN (EAN)	4050118821598		
Qty.	50 ST		
Type	VG M16 EXI 6-10 SI7J G4	Version	
Order No.	2722370000	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, straight, M 16, 10 mm, OD min. 6 - OD max. 10 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6	
GTIN (EAN)	4050118821604		
Qty.	50 ST		
Type	VG M20 EXI 11-14 SI7J G4	Version	
Order No.	2722400000	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, straight, M 20, 10 mm, OD min. 11 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6	
GTIN (EAN)	4050118821635		
Qty.	50 ST		
Type	VG M20 EXI 7-12 SI7J G4	Version	
Order No.	2722380000	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, straight, M 20, 10 mm, OD min. 7 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6	
GTIN (EAN)	4050118821611		
Qty.	50 ST		
Type	VG M20 EXI 7-13 SI7J G4	Version	
Order No.	2722390000	VG Exi 7J (Ex plastic cable gland 7J Exi), Cable glands, straight, M 20, 10 mm, OD min. 7 - OD max. 13 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.), Polyamide 6	
GTIN (EAN)	4050118821628		
Qty.	50 ST		

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Accessories

Brass blanking plugs, VP HEX head Ex e/d



VP series stopping plugs provide a method of filling unused entries in Ex equipment while maintaining Flameproof Ex d and Increased Safety Ex e explosion protection and IP66/67/68 ingress rate.

General ordering data

Type	VP-HEX M16-EX W	Version
Order No.	1218940000	VP-HEX (Klippon Ex blanking plug with hexagon head), Blanking plug,
GTIN (EAN)	4050118075564	straight, M 16 x 1.5, 16 mm, Brass, nickel-plated
Qty.	24 ST	
Type	VP-HEX M20-EX W	Version
Order No.	1218950000	VP-HEX (Klippon Ex blanking plug with hexagon head), Blanking plug,
GTIN (EAN)	4050118075571	straight, M 20 x 1.5, 16 mm, Brass, nickel-plated
Qty.	24 ST	

Plastic blanking plugs Ex e/i 7 Joule



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	VP M16 EX SI 7J	Version
Order No.	2066720000	VPK EX 7J (Ex blanking plug, plastic, 7J), Blanking plug, in closed
GTIN (EAN)	4050118415438	state, M 16, 12 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.),
Qty.	100 ST	Polyamide 6
Type	VP M20 EX SI 7J	Version
Order No.	2066730000	VPK EX 7J (Ex blanking plug, plastic, 7J), Blanking plug, in closed
GTIN (EAN)	4050118415346	state, M 20, 11 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.),
Qty.	100 ST	Polyamide 6

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Accessories

Plastic lock nuts, black



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMU M16 K SW	Version
Order No.	1736920000	SKMU PA (plastic locknut), Locknut, M 16, 5 mm, Polyamid 6 (PA6 - GF30)
GTIN (EAN)	4008190956394	
Qty.	100 ST	

Type	SKMU M20 K SW	Version
Order No.	1736930000	SKMU PA (plastic locknut), Locknut, M 20, 6 mm, Polyamid 6 (PA6 - GF30)
GTIN (EAN)	4008190956400	
Qty.	100 ST	

Stainless Steel lock nuts, natural finish



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

Type	SKMUS M16-W	Version
Order No.	1185680000	SKMU SS (stainless steel locknut), Locknut, M16, 2.2 mm, Stainless steel 1.4404
GTIN (EAN)	4050118269956	
Qty.	240 ST	

Type	SKMUS M20-W	Version
Order No.	1185690000	SKMU SS (stainless steel locknut), Locknut, M 20, 2.2 mm, Stainless steel 1.4404
GTIN (EAN)	4050118233742	
Qty.	240 ST	