

STB 4 EXE

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 STB (Small Terminal Box), Terminal Box, stainless steel enclosure, Height: 250 mm, Width: 250 mm, Depth: 120 mm, Basic material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	8000028397
Type	STB 4 EXE
GTIN (EAN)	4050118583809
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	120 mm	Depth (inches)	4.7244 inch
Height	250 mm	Height (inches)	9.8425 inch
Width	250 mm	Width (inches)	9.8425 inch
Diameter	8 mm	Mounting dimension - height	125 mm
Mounting dimension - width	275 mm	Wall thickness, min.	1.5 mm
Wall thickness, max.	1.5 mm	Net weight	8326.05 g

Temperatures

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

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
REACH SVHC No SVHC above 0.1 wt%

Certificate numbers enclosure

Certificate no. Terminal Box (ATEX) IBExU 07ATEX1 148 Certificate no. Terminal Box (IECEX) IECEX IBE09.0019
Identification Ex eb IIC T6 Gb

vertical assembly

WDU 4 / ZDU 4 1x26, 2 x PE

Material data

Surface finish Mirror polished Basic material Stainless steel 1.4404 (316L)

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 6 x M25 Drill holes side B 6 x M25, 1 x BDX

Standard features

Version stainless steel enclosure Reference product [KLIPPON STB 4 SS, WDU 4, WPE 4, KLIPPON BDX M20 S](#)

Technical data

Classifications

ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	EC002848	ECLASS 14.0	27-25-03-90
ECLASS 15.0	27-25-03-90		

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Accessories

Brass cable glands Ex e



Brass cable glands which are suitable for usage in explosion risk zone Ex e (Increased safety). They have been tested to the latest norms and standards IEC/EN 60079-0, and also achieved the necessary ATEX certificate.

General ordering data

Type	VG M25 EXE MS	Version	
Order No.	1460070000	VG Ex MS (Ex brass cable gland), Cable glands, straight, M 25, 16	
GTIN (EAN)	4050118266214	mm, OD min. 10 - OD max. 18 mm, IP66, IP68, Brass, nickel-plated	
Qty.	20 ST		

Chloroprene seal material, -40°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 M25 EXE 12-17 CR7J G4	Version	
Order No.	2721990000	VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M	
GTIN (EAN)	4050118821222	25, 10 mm, OD min. 12 - OD max. 17 mm, IP54, IP66, IP67, IP68 - 5	
Qty.	50 ST	bar (30 min.), Polyamide 6	
Type	VG M25 EXE 14-18 CR7J G4	Version	
Order No.	2722000000	VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M	
GTIN (EAN)	4050118821239	25, 10 mm, OD min. 14 - OD max. 18 mm, IP54, IP66, IP67, IP68 - 5	
Qty.	25 ST	bar (30 min.), Polyamide 6	

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.

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Accessories

General ordering data

Type	VP M25 EX SI 7J	Version	
Order No.	2066740000	VPK EX 7J (Ex blanking plug, plastic, 7J), Blanking plug, in closed	
GTIN (EAN)	4050118415360	state, M 25, 10 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.),	
Qty.	50 ST	Polyamide 6	

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 M25-EX W	Version	
Order No.	1218960000	VP-HEX (Klippon Ex blanking plug with hexagon head), Blanking plug,	
GTIN (EAN)	4050118075588	straight, M 25 x 1.5, 16 mm, Brass, nickel-plated	
Qty.	16 ST		

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 M25 K SW	Version	
Order No.	1736940000	SKMU PA (plastic locknut), Locknut, M 25, 6 mm, Polyamid 6 (PA6 -	
GTIN (EAN)	4008190956417	GF30)	
Qty.	25 ST		

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Accessories

Brass lock nuts, nickel-plated



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 M25 MS	Version	
Order No.	1737010000	SKMU MS (brass locknut), Locknut, M 25, 3.5 mm, Brass, nickel-	
GTIN (EAN)	4008190956486	plated	
Qty.	100 ST		