

STB 3 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: 190 mm, Width: 190 mm, Depth: 100 mm, Material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	8000028396
Type	STB 3 EXE
GTIN (EAN)	4050118593341
Qty.	1 pc(s).
Reference product	1002720000 1020100000 1010100000 2519550000

STB 3 EXE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	190 mm	Height (inches)	7.48 inch
Width	190 mm	Width (inches)	7.48 inch
Diameter	8 mm	Mounting dimension - height	95 mm
Mounting dimension - width	215 mm	Wall thickness, min.	1.5 mm
Wall thickness, max.	1.5 mm	Net weight	2,830 g

Temperatures

Ambient temperature	Tamb -40°C...+40°C
---------------------	--------------------

Certificate numbers enclosure

Certificate no. Terminal Box (ATEX)	IBExU 07ATEX1148	Certificate no. Terminal Box (IECEX)	IECEX IBE09.0019
Identification	Ex eb IIC T6 Gb		

vertical assembly

WDU 4 / ZDU 4	1x18, 2 x PE
---------------	--------------

Housing

Drill holes side A	4 x M20	Drill holes side B	4 x M20, 1 x BDX
Drill holes side C	none	Drill holes side D	none
Material	Stainless steel 1.4404 (316L)	Material type plate	Polyester coated with aluminium

Classifications

ETIM 6.0	EC002848	ETIM 7.0	EC002848
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ECLASS 9.0	27-14-11-92	ECLASS 9.1	27-14-11-92
ECLASS 10.0	27-14-11-92	ECLASS 11.0	27-14-11-92
ECLASS 12.0	27-14-11-92	ECLASS 13.0	27-25-03-90

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Approvals

Approvals	CE; ATEX; IECEX
-----------	-----------------

Downloads

Approval/Certificate/Document of Conformity	IBEXU07ATEX1148 IECEXIBE09.0019
Catalogues	Catalogues in PDF-format
Brochures	

STB 3 EXE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

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 M20 EXE 7-13 CR7J G4	Version
Order No.	2721970000	VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M
GTIN (EAN)	4050118821208	20, 10 mm, OD min. 7 - OD max. 13 mm, IP54, IP66, IP67, IP68 - 5
Qty.	50 pc(s).	bar (30 min.), Polyamide 6
Type	VG M20 EXE 7-12 CR7J G4	Version
Order No.	2721960000	VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M
GTIN (EAN)	4050118820492	20, 10 mm, OD min. 7 - OD max. 12 mm, IP54, IP66, IP67, IP68 - 5
Qty.	50 pc(s).	bar (30 min.), Polyamide 6
Type	VG M20 EXE 11-14 CR7J G4	Version
Order No.	2721980000	VG Exe 7J (Ex plastic cable gland 7J Exe), Cable glands, straight, M
GTIN (EAN)	4050118821215	20, 10 mm, OD min. 11 - OD max. 14 mm, IP54, IP66, IP67, IP68 - 5
Qty.	50 pc(s).	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.

General ordering data

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 pc(s).	Polyamide 6

STB 3 EXE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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 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 pc(s).	

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

STB 3 EXE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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 M20 EXE MS	Version
Order No.	1460050000	VG Ex MS (Ex brass cable gland), Cable glands, straight, M 20, 16
GTIN (EAN)	4050118266085	mm, OD min. 3 - OD max. 12 mm, IP66, IP68, Brass, nickel-plated
Qty.	50 pc(s).	

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 M20 MS	Version
Order No.	1737000000	SKMU MS (brass locknut), Locknut, M 20, 3 mm, Brass, nickel-plated
GTIN (EAN)	4008190956479	
Qty.	100 pc(s).	