Data sheet

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, Basic material: Stainless steel 1.4404 (316L), Mirror polished, silver
Order No.	8000028396
Type	STB 3 EXE
GTIN (EAN)	4050118593341
Qty.	1 items

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Technical data

Approvals

Approvals	CE; ATEX; IECEX

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	190 mm	Height (inches)	7.4803 inch
Width	190 mm	Width (inches)	7.4803 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	2863.89 g

Temperatures

Ambient temperature	-40 °C...40 °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	dce63e23-eea1-4eaa-9071-1c98fc8fa2ea

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

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	4 x M20	Drill holes side B	4 x M20, 1 x BDX

Standard features

Version	stainless steel enclosure	Reference product	KLIPPON STB 3 SS, WDU 4, WPE 4, KLIPPON BDX M20 S

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Technical data

Classifications

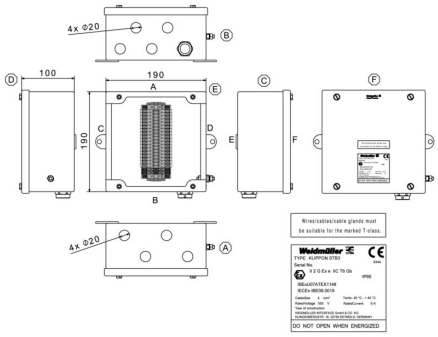
ETIM 8.0	EC002848	ETIM 9.0	EC002848
ETIM 10.0	EC002848	ECLASS 14.0	27-25-03-90
ECLASS 15.0	27-25-03-90		

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Drawings



Weidmüller

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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 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 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 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 ST	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 ST	bar (30 min.), Polyamide 6
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 ST	bar (30 min.), Polyamide 6

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Accessories

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