KLIPPON STB 5 MS HT

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Ideally suited for the energy, process and transportation industries, the Klippon® STB enclosure series is the perfect complement to our existing Klippon® enclosure portfolio. Enclosures in this series are approved according to international standards such as e.g. the Lloyds Register and EN62208.

- Sheet steel 1.0330, powder-coated in RAL 7032
- Comes with a standard seal that is resistant to high temperatures - extended temperature range of -60°C to +120°C
- Approved according to Lloyds Register
- Flexible options for fastening the internal mounting rail
- IP66 protection
- Secure, permanent function of the seal is ensured by seal compression protection
- Earthing stud in the cover and base of the enclosure
- Laser cut weld seams for increased quality
- Already welded-on mounting feet guarantee optimum enclosure installation

Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Version	Klippon STB (Small Terminal Box), Empty enclosure, Sheet steel enclosure, Height: 160 mm, Width: 380 mm, Depth: 120 mm, Basic material: Sheet steel, Powder-coated, Pebble grey
Order No.	1025040000
Type	KLIPPON STB 5 MS HT
GTIN (EAN)	4032248745258
Qty.	1 items

KLIPPON STB 5 MS HT

Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	120 mm	Depth (inches)	4.7244 inch
Height	160 mm	Height (inches)	6.2992 inch
Width	380 mm	Width (inches)	14.9606 inch
Mounting dimension - height	80 mm	Mounting dimension - width	405 mm
Net weight	3974 g		

Temperatures

Operating temperature	-60 °C...120 °C

Environmental Product Compliance

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

Cable glands, left

M63	1	M12	20
M50	1	M16	12
M32	4	M25	6
M20	12	M40	2

Cable glands, right

M25	6	M63	1
M16	12	M40	2
M50	1	M32	4
M20	12	M12	20

Cable glands, top/bottom

M20	30	M12	64
M63	2	M40	6
M32	10	M25	16
M50	4	M16	33

Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD)	DE PS2620 160412 002ISS02	Certificate No. (LLOYDSREG)	LR23307703TA
Approval conditions	LR		

General information

Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Operating temperature, max.	120 °C	Operating temperature, min.	-60 °C

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Technical data

Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats	Standards	DIN 4102-12
Surface finish	Powder-coated	Impact resistance	10 J version standard
Protection degree	IP66	Basic material	Sheet steel
Seal material	Silicone	Integral fixing	TAS 20 rail welded to floor
Enclosure attachment	Welded-on mounting foot with 8-mm holes	Protection class (UL)	Type 4, Type 4X
Number of lid screws	4	Access opening: width	362 mm
Flange plate	No	Max. payload	42.56 kg
Lid	Yes	Access opening: height	140 mm
Areas of use	Transportation, Marine engineering, Process industry, Packaging industry		

Housing earth

Cross-section , max.	25 mm²	Earth, enclosure, cover	Welded-on M6 x 10 stainless-steel earth stud
Earth, enclosure, external	Welded-on M6 x 16 stainless-steel bolts	Earth, enclosure, internal	Welded-on M6 x 16 stainless-steel bolts

horizontal assembly

WDU 10 / ZDU 10	1x35	WDU 16 / ZDU 16	1x29
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x68	WDU 4 / ZDU 4	1x57
WDU 6 / ZDU 6	1x44		

vertical assembly

WDU 10 / ZDU 10	3x12	WDU 16 / ZDU 16	3x10
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x25	WDU 4 / ZDU 4	3x21
WDU 6 / ZDU 6	3x16		

Important note

Product information	The fire rating up to E90 acc. to DIN 4102-12 depends on concrete configurations / installations (details see "Declaration of Manufacturer" in "Downloads")

Classifications

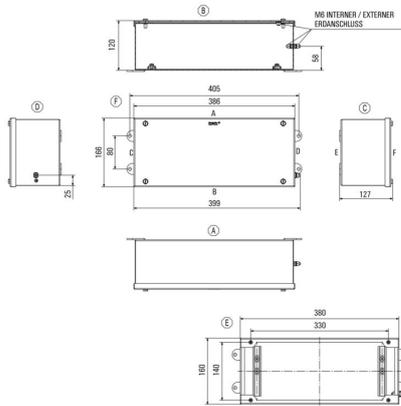|			
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

KLIPPON STB 5 MS HT

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Dimensioned drawing

KLIPPON STB 5 MS HT

Accessories

Terminal rails - TS35

The system accessories for the Klippon® STB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
• DIN Rails TS 35
• Mounting screws
Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	SFNS5 VKMU M5 SW15	Version
Order No.	0433500000	Klippon STB (Small Terminal Box), Fixing nut, Square, Height: 15 mm,
GTIN (EAN)	4008190494520	Width: 15 mm, Depth: 11.7 mm, Basic material: Steel, galvanised,
Qty.	20 ST	galvanized, silver

Grounding strap

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application. The following options are available:
• Closure Elements
• Document holders
• Earthing stud
• Gland plates
• Installation material
• Mounting plates
• Rain hoods
• Spacer
• Terminal rails
• Type label holder

General ordering data

Type	PECD WIRE 6/200/D6 SET	Version
Order No.	2475490000	Klippon TB (Terminal Box), Grounding strap, Ssrewed, Basic material:
GTIN (EAN)	4050118487206	Steel, Green/yellow
Qty.	1 ST	

Ventilation plugs - DAE

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	DAE M12 SS	Version
Order No.	1868550000	DAE (ventilation element), Compensating element, straight, M 12, 10
GTIN (EAN)	4032248440405	mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303)
Qty.	10 ST	
Type	DAE M12 PA LONG	Version
Order No.	1868570000	DAE (ventilation element), Compensating element, straight, M 12, 10
GTIN (EAN)	4032248440429	mm, IP66, IP68, IP69K, Polyamide 6
Qty.	10 ST	

Terminal rails - TS35

The system accessories for the Klippon® STB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
• DIN Rails TS 35
• Mounting screws
Weidmüller can manufacture and supply this enclosure - according to customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

Type	TS35X7.5 ST STB 5	Version
Order No.	8803610000	Rail, TS 35, TS 35 x 7.5, Width: 320 mm, without slot, Steel,
GTIN (EAN)	4050118652796	galvanized, chromium-plated
Qty.	20 ST	
Type	TS35X7.5 ST STB 4 STB 6	Version
Order No.	8563410000	Rail, TS 35, TS 35 x 7.5, Width: 200 mm, without slot, Steel, galvanic
GTIN (EAN)	4050118652789	zinc plated and passivated
Qty.	20 ST	
Type	TS35X15 ST STB 4 STB 6	Version
Order No.	8000073220	Rail, TS 35, TS 35 x 15, Width: 200 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675356783	plated and passivated
Qty.	20 ST	
Type	TS35X15 ST STB 5	Version
Order No.	8000073222	Rail, TS 35, TS 35 x 15, Width: 320 mm, with slot, Steel, galvanic zinc
GTIN (EAN)	4064675356790	plated and passivated
Qty.	20 ST	

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