KLIPPON STB 6 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: 250 mm, Width: 400 mm, Depth: 130 mm, Material: Sheet steel, Powder-coated, Pebble grey
Order No.	1025050000
Type	KLIPPON STB 6 MS HT
GTIN (EAN)	4032248745265
Qty.	1 ST

KLIPPON STB 6 MS HT

Technical data

Approvals

Approvals	
	CE LR UKCA
ROHS	Conform

Dimensions and weights

Depth	130 mm	Depth (inches)	5.1181 inch
Height	250 mm	Height (inches)	9.8425 inch
Width	400 mm	Width (inches)	15.748 inch
Mounting dimension - height	150 mm	Mounting dimension - width	425 mm
Net weight	5225 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	2	M12	64
M50	4	M16	33
M32	10	M25	16
M20	30	M40	6

Cable glands, right

M25	10	M63	2
M16	21	M40	3
M50	2	M32	8
M20	18	M12	36

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	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	382 mm
Flange plate	No	Max. payload	70 kg
Lid	Yes	Access opening: height	230 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	2x37	WDU 16 / ZDU 16	2x30
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x72	WDU 4 / ZDU 4	2x60
WDU 6 / ZDU 6	2x46		

vertical assembly

WDU 10 / ZDU 10	3x22	WDU 16 / ZDU 16	3x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x42	WDU 4 / ZDU 4	3x35
WDU 6 / ZDU 6	3x27		

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 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 9.0	27-18-01-01
ECLASS 9.1	27-18-92-90	ECLASS 10.0	27-18-01-01
ECLASS 11.0	27-18-01-01	ECLASS 12.0	27-18-01-01
ECLASS 13.0	27-18-01-01	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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Drawings

Dimensioned drawing