

KLIPPON STB 4 MS HT**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration

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

General ordering data

Version	Klippon STB (Small Terminal Box), Empty enclosure, Sheet steel enclosure, Height: 250 mm, Width: 250 mm, Depth: 120 mm, Material: Sheet steel, Powder-coated, Pebble grey
Order No.	1025030000
Type	KLIPPON STB 4 MS HT
GTIN (EAN)	4032248745241
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	120 mm	Depth (inches)	4.724 inch
Height	250 mm	Height (inches)	9.842 inch
Width	250 mm	Width (inches)	9.842 inch
Mounting dimension - width	275 mm	Net weight	3,520 g

Temperatures

Operating temperature	-60 °C...120 °C
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Cable glands, left

M12	24	M16	21
M20	12	M25	10
M32	8	M40	3
M50	3	M63	1

Cable glands, right

M12	24	M16	21
M20	12	M25	10
M32	8	M40	3
M50	2	M63	1

Cable glands, top/bottom

M12	24	M16	21
M20	12	M25	10
M32	8	M40	3
M50	3	M63	2

Certificate numbers enclosure

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

General information

Access opening: height	230 mm	Access opening: width	232 mm
Areas of use	Transportation, Marine engineering, Process industry, Packaging industry	Enclosure attachment	Welded-on mounting foot with 8-mm holes
Flange plate	No	Impact resistance	10 J version standard
Integral fixing	TAS 20 rail welded to floor	Lid	Yes
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats	Material	Sheet steel
Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Max. payload	43.75 kg	Number of lid screws	4
Operating temperature, max.	120 °C	Operating temperature, min.	-60 °C
Protection class (UL)	Type 4, Type 4X	Protection degree	IP66
Seal material	Silicone	Standards	DIN 4102-12
Surface finish	Powder-coated		

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Housing earth

Cross-section , max.	25 mm ²	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	2x22	WDU 16 / ZDU 16	2x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x42	WDU 4 / ZDU 4	2x35
WDU 6 / ZDU 6	2x27		

vertical assembly

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

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		

Environmental Product Compliance

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

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")
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Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319249/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

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Approval/Certificate/Document of Conformity	08_20032 MPA NRW Certificate - fire rated assembled boxes acc. to DIN 4102-12 EU Declaration of Conformity - Klippon STB Empty Enclosures IND - DoC DE PS2620 160412 002ISS02 UKCA Declaration of Conformity - Klippon STB MS Empty Enclosures IND - UKCA DE PS2620 220623 003ISS00
Engineering Data	CAD data – STEP
Tender specification	Klippon STB 4 MS HT_1025030000_DE Klippon STB 4 MS HT_1025030000_EN
User Documentation	Assembly guidelines - empty enclosures
Catalogues	Catalogues in PDF-format
Brochures	MB KLIPPON ENCL.TECN EN FL KLIPPON STB EN FL SHIPBUILDING 2016 EN FL SHIPBUILDING 2016 EN

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Drawings**Dimensioned drawing**