

KEBXHS505020S4B1 AK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Klippon® EBx HS stainless steel enclosures, where the lid is fixed by Hinge and Screws, are offered as high quality products with leading performance characteristics in oil and chemistry hazardous industry. It is certified and complied with the international standards - like ATEX and IECEx approval.

General ordering data

Version	Klippon EBx HS (Essential Box Ex - Hinge Screw), Empty enclosure, Height: 500 mm, Width: 500 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), Brushed, silver
Order No.	8000071024
Type	KEBXHS505020S4B1 AK
GTIN (EAN)	4064675385042
Qty.	1 items
Local product	Only available in certain countries

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Technical data

Approvals

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ROHS Conform

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Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	500 mm	Height (inches)	19.685 inch
Width	500 mm	Width (inches)	19.685 inch
Mounting dimension - height	460 mm	Mounting dimension - width	460 mm
Net weight	13607.45 g		

Temperatures

Operating temperature -55 °C...135 °C

Environmental Product Compliance

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

Cable glands, left

M63	5	M75	4
M12	234	M50	11
M16	114	M32	27
M25	48	M20	75
M40	14		

Cable glands, right

M25	48	M63	5
M75	4	M16	114
M40	14	M50	11
M32	27	M20	75
M12	234		

Cable glands, top/bottom

M20	60	M12	175
M63	4	M40	14
M32	18	M25	35
M50	6	M75	4
M16	93		

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Certificate numbers enclosure

Declaration of Conformity No. (DoC LVD)	DE PS265X 210819 001ISS01	Attestation of Conformity No. (AoC)	DE PS265x 210819 000ISS01
Certificate no. empty enclosure (INMETRO)	LMP 21.0601U	Certificate no. Terminal Box (ATEX)	IBExU 21ATEX 1017 X
Certificate no. empty enclosure (ATEX)	IBExU 21ATEX 1016 U	Certificate no. Terminal Box (INMETRO)	LMP 21.0602X
Certificate no. Terminal Box (IECEX)	IECEX IBE 21.0012	Certificate no. empty enclosure (IECEX)	IECEX IBE 21.0006U
Approval conditions	ATEX, IECEX, INMETRO		

General information

Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness	1.5 mm	Operating temperature, max.	135 °C
Operating temperature, min.	-55 °C	Lid attachment	M6 hex-head slotted screws SW10 + hinges
Standards	EN 60079-0, IEC 60079-0, EN 60079-7, IEC 60079-7, EN 60079-11, IEC 60079-11, EN 60079-31, IEC 60079-31	Surface finish	Brushed
Impact resistance	7 J ATEX version, 10 J version standard	AF size	10 mm
Protection degree	IP66	Basic material	Stainless steel 1.4404 (316L)
Seal material	Silicone (cover + flange)	Torque for lid screws	2.5 Nm
Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread	Enclosure attachment	4 or 6, M6 blind thread hole on backside; optionally via additional mounting feet
Flange plate mounting	M6 hexagonal head screws 10 SW	Protection class (UL)	Type 1, Type 4, Type 4X
Number of lid screws	3	Gland plates	Bottom
Access opening: width	443.6 mm	Opening angle lid	125.00 °
Flange plate	Yes	Max. payload	25 kg
Lid	Yes	Access opening: height	449.6 mm
Position PE bolts	Enclosure side C	Areas of use	Chemical industry, Explosive risk zone, Oil and gas industry, Onshore, Process industry, Building systems and technology, Machine construction, Packaging industry

Housing earth

Earth, enclosure, internal	Welded-on M6 stainless-steel earth stud in enclosure body and lid.
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horizontal assembly

Number of DIN rails and terminals (10 mm ² , horizontal)	4x40	WDU 16 / ZDU 16	4x33
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x80	WDU 35 / ZDU 35	4x25
WDU 4 / ZDU 4	4x67	WDU 6 / ZDU 6	4x50

vertical assembly

WDU 10 / ZDU 10	4x40	WDU 16 / ZDU 16	4x33
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x80	WDU 35 / ZDU 35	4x25

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WDU 4 / ZDU 4	4x67	WDU 6 / ZDU 6	4x50
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Important note

Product information	All articles with M6 threaded rivet as standard; UL variants with M10 earth bolt on request
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Classifications

ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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Drawings

