

KEBXHS806020S4B1 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: 800 mm, Width: 600 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), Brushed, silver
Order No.	8000071030
Type	KEBXHS806020S4B1 AK
GTIN (EAN)	4064675385073
Qty.	1 items
Local product	Only available in certain countries

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Technical data

Approvals

Approvals



ROHS

Conform

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Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	800 mm	Height (inches)	31.496 inch
Width	600 mm	Width (inches)	23.622 inch
Mounting dimension - height	760 mm	Mounting dimension - width	560 mm
Net weight	21735 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	8	M75	7
M12	392	M50	20
M16	195	M32	48
M25	82	M20	130
M40	25		

Cable glands, right

M25	82	M63	8
M75	7	M16	195
M40	25	M50	20
M32	48	M20	130
M12	392		

Cable glands, top/bottom

M20	74	M12	217
M63	6	M40	18
M32	22	M25	44
M50	7	M75	5
M16	115		

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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	4	Gland plates	Bottom
Access opening: width	543.6 mm	Opening angle lid	125.00 °
Flange plate	Yes	Max. payload	49 kg
Lid	Yes	Access opening: height	749.6 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)	8x49	WDU 16 / ZDU 16	8x41
WDU 2,5 / ZDU 2,5 / IDU 2,5	8x98	WDU 35 / ZDU 35	8x30
WDU 4 / ZDU 4	8x82	WDU 6 / ZDU 6	8x61

vertical assembly

WDU 10 / ZDU 10	6x69	WDU 16 / ZDU 16	6x58
WDU 2,5 / ZDU 2,5 / IDU 2,5	6x138	WDU 35 / ZDU 35	6x43

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WDU 4 / ZDU 4

6x115

WDU 6 / ZDU 6

6x86

Important note

Product information

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

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

