

KEBXHS406020S4B1 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: 400 mm, Width: 600 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4404 (316L), Brushed, silver
Order No.	8000071022
Type	KEBXHS406020S4B1 AK
GTIN (EAN)	4064675385028
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	400 mm	Height (inches)	15.748 inch
Width	600 mm	Width (inches)	23.622 inch
Mounting dimension - height	360 mm	Mounting dimension - width	560 mm
Net weight	13500 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	3	M75	3
M12	180	M50	8
M16	87	M32	21
M25	36	M20	58
M40	11		

Cable glands, right

M25	36	M63	3
M75	3	M16	87
M40	11	M50	8
M32	21	M20	58
M12	180		

Cable glands, top/bottom

M20	74	M12	217
M63	6	M40	18
M32	22	M25	45
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 (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)	Tightening torque (cover 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	2	Gland plates	Bottom
Width (access opening)	543.6 mm	Opening angle (lid)	125.00 °
Flange plate	Yes	Payload, max.	24 kg
Lid	Yes	Height (access opening)	349.6 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)	4x49	Number of DIN rails and terminals (16 mm ² , horizontal)	4x41
Number of DIN rails and terminals (2.5 mm ² , horizontal)	4x98	Number of DIN rails and terminals (35 mm ² , horizontal)	4x30
Number of DIN rails and terminals (4 mm ² , horizontal)	4x82	Number of DIN rails and terminals (6 mm ² , horizontal)	4x61

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Technical data

vertical assembly

Number of DIN rails and terminals (10 6x30
mm², vertical)Number of DIN rails and terminals (2.5 6x61
mm², vertical)Number of DIN rails and terminals (4 6x51
mm², vertical)Number of DIN rails and terminals (16 6x25
mm², vertical)Number of DIN rails and terminals (35 6x18
mm², vertical)Number of DIN rails and terminals (6 6x38
mm², vertical)

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

VIEW WITHOUT COVER, SEAL AND SCREW

