KEBXHS406020S4B1 AK

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Similar to illustration



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, Material: Stainless steel 1.4404 (316L), Brushed, silver
Order No.	8000071022
Type	KEBXHS406020S4B1 AK
GTIN (EAN)	4064675385028
Qty.	1 pc(s).
Local product	Only available in certain countries

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Technical data

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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	13,412.777 g		

Temperatures

Operating temperature	-55 °C...135 °C

Cable glands, left

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

Cable glands, right

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

Cable glands, top/bottom

M12	217	M16	115
M20	74	M25	45
M32	22	M40	18
M50	7	M63	6
M75	5		

Certificate numbers enclosure

Approval conditions	ATEX, IECEX, INMETRO	Attestation of Conformatiy No. (AoC)	DE PS265x 210819 000ISS01
Certificate No. (ATEX)	IBEXU21ATEX1017X	Certificate No. (IECEX)	IECEXIBE21.0006U
Certificate no. Terminal Box (ATEX)	IBExU 21ATEX 1017 X	Certificate no. Terminal Box (IECEx)	IECEx IBE 21.0012
Certificate no. Terminal Box (INMETRO)	LMP 21.0602X	Certificate no. empty enclosure (ATEX)	IBExU 21ATEX 1016 U
Certificate no. empty enclosure (IECEx)	IECEx IBE 21.0006U	Certificate no. empty enclosure (IN-METRO)	LMP 21.0601U

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Technical data

General information

AF size	10 mm	Access opening: height	349.6 mm
Access opening: width	543.6 mm	Areas of use	Chemical industry, Explosive risk zone, Oil and gas industry, Onshore, Process industry, Building systems and technology, Machine construction, Packaging industry
Enclosure attachment	4 or 6, M6 blind thread hole on backside; optionally via additional mounting feet	Flange plate	Yes
Flange plate mounting	M6 hexagonal head screws 10 SW	Gland plates	Bottom
Impact resistance	7 J ATEX version, 10 J version standard	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid	Yes	Lid attachment	M6 hex-head slotted screws SW10 + hinges
Material	Stainless steel 1.4404 (316L)	Material thickness	1.5 mm
Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Max. payload	24 kg	Number of lid screws	2
Opening angle lid	125 °	Operating temperature, max.	135 °C
Operating temperature, min.	-55 °C	Position PE bolts	Enclosure side C
Protection class (UL)	Type 1, Type 4, Type 4X	Protection degree	IP66
Seal material	Silicone (cover + flange)	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	Torque for lid screws	2.5 Nm

Housing earth

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

horizontal assembly

WDU 10 / ZDU 10	4x49	WDU 16 / ZDU 16	4x41
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x98	WDU 35 / ZDU 35	4x30
WDU 4 / ZDU 4	4x82	WDU 6 / ZDU 6	4x61

vertical assembly

WDU 10 / ZDU 10	6x30	WDU 16 / ZDU 16	6x25
WDU 2,5 / ZDU 2,5 / IDU 2,5	6x61	WDU 35 / ZDU 35	6x18
WDU 4 / ZDU 4	6x51	WDU 6 / ZDU 6	6x38

Classifications

ETIM 6.0	EC002503	ETIM 7.0	EC002503
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ECLASS 9.0	27-18-05-02	ECLASS 9.1	27-18-05-02
ECLASS 10.0	27-18-05-02	ECLASS 11.0	27-18-05-02
ECLASS 12.0	27-18-05-02	ECLASS 13.0	27-18-05-02

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Technical data

Important note

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

Approvals

Approvals	
ROHS	Conform

Downloads

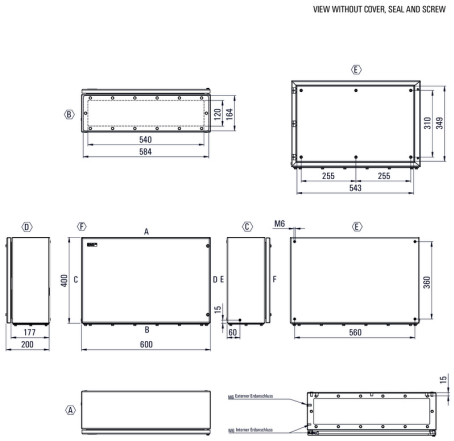
Approval/Certificate/Document of Conformity	IBEXU21ATEX1017X IBEXU21ATEX1016U IECExIBE21.0012 IECExIBE21.0006U UKCA TÜV 22 UKEX 7098 X UKCA TÜV 22 UKEX 7097 U Attestation of Conformity - Klippon EBx Empty Enclosures - AoC DE PS265x 210819 000ISS01 CERTIFICADO LMP 21.0601U KLIPPON EBx CERTIFICADO LMP 21.0602X KLIPPON EBx EU Declaration of Conformity - Klippon EBx Empty Enclosures LVD - DoC DE PS265X 210819 001ISS01
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

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Drawings



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Accessories

Mounting feet



With the additionally available mounting feet, the enclosures can also be mounted from outside the enclosure.

General ordering data

Type	KEB MOFT SMALL S4 SET	Version
Order No.	2660200318	Klippon EB (Essential Box), Mounting foot, Height: 38 mm, Width: 55
GTIN (EAN)	4064675275695	mm, Depth: 10.5 mm, Material: Steel, untreated, silver
Qty.	1 pc(s).	

Spacer



Stainless steel spacers in three lengths to increase the distance distance between the mounting rails or DIN rails and the rear wall of the enclosure.

General ordering data

Type	SP M6 30 MSZN	Version
Order No.	3896300000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850241	Depth: 30 mm, Material: Steel, silver
Qty.	2 pc(s).	
Type	SP M6 15 MSZN	Version
Order No.	3896100000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190857851	Depth: 15 mm, Material: Steel, silver
Qty.	2 pc(s).	
Type	SP M6 20 MSZN	Version
Order No.	3896200000	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850234	Depth: 20 mm, Material: Steel, silver
Qty.	2 pc(s).	

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Accessories

Document holders



Document holders for the proper storage of documents in the enclosure.

General ordering data

Type	DOHA KEB A5 S4B R	Version
Order No.	8000075808	Klippon EB (Essential Box), Enclosures, Riveted, Height: 125 mm,
GTIN (EAN)	4064675425649	Depth: 20 mm, Material: Stainless steel 1.4404, silver
Qty.	1 pc(s).	
Type	DOHA KEB A4 S4B R	Version
Order No.	8000075809	Klippon EB (Essential Box), Enclosures, Riveted, Height: 175 mm,
GTIN (EAN)	4064675425656	Depth: 20 mm, Material: Stainless steel 1.4404, silver
Qty.	1 pc(s).	
Type	DOHA KEB A6 S4B R	Version
Order No.	8000075807	Klippon EB (Essential Box), Enclosures, Riveted, Height: 95 mm, Depth:
GTIN (EAN)	4064675425359	20 mm, Material: Stainless steel 1.4404, silver
Qty.	1 pc(s).	

Type label holder



There are a variety of designed label holders available for prominent display as required and for additional nameplates as needed.

General ordering data

Type	TPSDHA KEB 100X25 S4B R	Version
Order No.	8000075818	Klippon EB (Essential Box), Enclosures, Riveted, Height: 25 mm, Width:
GTIN (EAN)	4064675425632	141 mm, Depth: 16.5 mm, Material: Stainless steel 1.4404 (316L),
Qty.	1 pc(s).	Brushed, silver
Type	TPSDHA KEB 130X50 S4B R	Version
Order No.	8000075816	Klippon EB (Essential Box), Enclosures, Riveted, Height: 50 mm, Width:
GTIN (EAN)	4064675425366	171 mm, Depth: 16.5 mm, Material: Stainless steel 1.4404 (316L),
Qty.	1 pc(s).	Brushed, silver

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Accessories

Mounting plates



Mounting plates, with and without hole patterns, for longitudinal and transverse mounting of DIN mounting rails or components directly onto the mounting plate.

General ordering data

Type	KEB MOPL 4060 MSZN	Version
Order No.	8000074174	Klippon EB (Essential Box), Mounting plate, Height: 340 mm, Width:
GTIN (EAN)	4064675425199	540 mm, Depth: 12 mm, Material: Sheet steel, galvanized, silver
Qty.	1 pc(s).	
Type	KEB MOPL 4060 S2N H	Version
Order No.	8000074320	Klippon EB (Essential Box), Mounting plate, Height: 340 mm, Width:
GTIN (EAN)	4064675425298	540 mm, Depth: 12 mm, Material: Stainless steel 1.4301 (304),
Qty.	1 pc(s).	untreated, silver
Type	GFSC M5X10 TX20 SET	Version
Order No.	1274150000	Klippon EB (Essential Box), Mounting screw, Height: 13.3 mm, Width:
GTIN (EAN)	4050118063820	8.5 mm, Depth: 8.5 mm, Material: Steel, galvanized, galvanic zinc
Qty.	1 pc(s).	plated and passivated, silver

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Accessories

Installation material

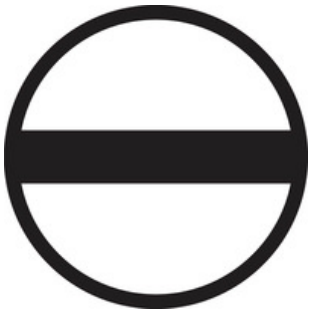


Integrate, expand and customise - the perfect supplement to every application
The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.
Mounting hardware kits
Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.
The **label fastening set – SD** is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.
The **universal fastening set – TPSD** has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

General ordering data

Type	LKSC M6X8 A2 TX30	Version
Order No.	2704960000	Klippon TB (Terminal Box), Set of fixings, Height: 11.3 mm, Width:
GTIN (EAN)	4050118753196	13.6 mm, Depth: 13.6 mm, Material: Stainless steel, rust-proof,
Qty.	500 pc(s).	untreated, silver

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

Type	SDIS SLIM 1.2X6.5X150	Version
Order No.	2749640000	Mounting tool, Blade width (B): 6.5 mm, Blade length: 150 mm, Blade
GTIN (EAN)	4050118896381	thickness (A): 1.2 mm
Qty.	1 pc(s).	