

## KEBXHS505020S4B1 AK

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">8000071024</a>
Type	KEBXHS505020S4B1 AK
GTIN (EAN)	4064675385042
Qty.	1 items
Local product	Only available in certain countries

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## Technical data

### Approvals

Approvals



ROHS Conform

### General ordering data

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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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## Technical data

## 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

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
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
WDU 4 / ZDU 4	4x67	WDU 6 / ZDU 6	4x50

Creation date 07.03.2026 06:24:30 MEZ

Catalogue status / Drawings

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### Important note

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

### Classifications

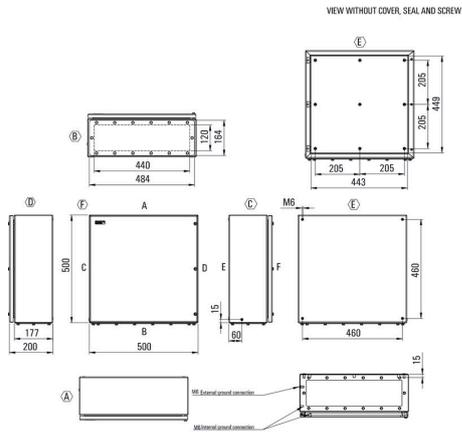
ETIM 8.0	EC002503	ETIM 9.0	EC002503
ETIM 10.0	EC002503	ECLASS 14.0	27-18-05-02
ECLASS 15.0	27-18-05-02		

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**Drawings**

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## Accessories

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## 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 5050 MSZN	Version	
Order No.	<a href="#">8000074176</a>	Klippon EB (Essential Box), Mounting plate, Height: 440 mm, Width: 440 mm, Depth: 1.5 mm, Basic material: Sheet steel, galvanized,	
GTIN (EAN)	4064675425212	silver	
Qty.	1 ST		
Type	KEB MOPL 5050 S2N H	Version	
Order No.	<a href="#">8000074322</a>	Klippon EB (Essential Box), Mounting plate, Height: 440 mm, Width: 440 mm, Depth: 1.5 mm, Basic material: Stainless steel 1.4301	
GTIN (EAN)	4064675425311	(304), untreated, silver	
Qty.	1 ST		

## Document holders



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

## General ordering data

Type	DOHA KEB A4 S4B R	Version	
Order No.	<a href="#">8000075809</a>	Klippon EB (Essential Box), Enclosures, Riveted, Height: 175 mm, Depth: 20 mm, Basic material: Stainless steel 1.4404, silver	
GTIN (EAN)	4064675425656		
Qty.	1 ST		
Type	DOHA KEB A5 S4B R	Version	
Order No.	<a href="#">8000075808</a>	Klippon EB (Essential Box), Enclosures, Riveted, Height: 125 mm, Depth: 20 mm, Basic material: Stainless steel 1.4404, silver	
GTIN (EAN)	4064675425649		
Qty.	1 ST		
Type	DOHA KEB A6 S4B R	Version	
Order No.	<a href="#">8000075807</a>	Klippon EB (Essential Box), Enclosures, Riveted, Height: 95 mm, Depth: 20 mm, Basic material: Stainless steel 1.4404, silver	
GTIN (EAN)	4064675425359		
Qty.	1 ST		

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### 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.	<a href="#">2660200318</a>	Klippon EB (Essential Box), Mounting foot, Height: 38 mm, Width: 55
GTIN (EAN)	4064675275695	mm, Depth: 10.5 mm, Basic material: Steel, untreated, silver
Qty.	1 ST	

### Spacer



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

### General ordering data

Type	SP M6 15 MSZN	Version
Order No.	<a href="#">3896100000</a>	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190857851	Depth: 15 mm, Basic material: Steel, silver
Qty.	2 ST	
Type	SP M6 20 MSZN	Version
Order No.	<a href="#">3896200000</a>	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850234	Depth: 20 mm, Basic material: Steel, silver
Qty.	2 ST	
Type	SP M6 30 MSZN	Version
Order No.	<a href="#">3896300000</a>	Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm,
GTIN (EAN)	4008190850241	Depth: 30 mm, Basic material: Steel, silver
Qty.	2 ST	

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### 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.	<a href="#">8000075818</a>	Klippon EB (Essential Box), Enclosures, Riveted, Height: 25 mm,
GTIN (EAN)	4064675425632	Width: 141 mm, Depth: 16.5 mm, Basic material: Stainless steel
Qty.	1 ST	1.4404 (316L), Brushed, silver
Type	TPSDHA KEB 130X50 S4B R	Version
Order No.	<a href="#">8000075816</a>	Klippon EB (Essential Box), Enclosures, Riveted, Height: 50 mm,
GTIN (EAN)	4064675425366	Width: 171 mm, Depth: 16.5 mm, Basic material: Stainless steel
Qty.	1 ST	1.4404 (316L), Brushed, silver

### 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	GFSC M5X10 TX20 SET	Version
Order No.	<a href="#">1274150000</a>	Klippon EB (Essential Box), Mounting screw, Height: 13.3 mm, Width:
GTIN (EAN)	4050118063820	8.5 mm, Depth: 8.5 mm, Basic material: Steel, galvanized, galvanic
Qty.	1 ST	zinc 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.	<a href="#">2704960000</a>	Klippon TB (Terminal Box), Set of fixings, Height: 11.3 mm, Width: 13.6 mm, Depth: 13.6 mm, Basic material: Stainless steel, rust-proof, untreated, silver	
GTIN (EAN)	4050118753196		
Qty.	500 ST		

## 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.	<a href="#">2749640000</a>	Mounting tool, Blade width (B): 6.5 mm, Blade length: 150 mm, Blade thickness (A): 1.2 mm	
GTIN (EAN)	4050118896381		
Qty.	1 ST		