

**KEBIHS504020S2N1 AL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The new Klippon® EBi enclosure series has been specially designed for use in industrial environments. It reliably meets all requirements for use in harsh environments and is characterised by attractive performance features. The cost-effective stainless steel enclosures allow a very economical calculation and are also suitable for projects with a limited budget. In addition to Klippon® EBi for industrial applications, there is Klippon® EBx for hazardous areas. Enclosures with cULus approvals are available on request.

**General ordering data**

Version	Klippon EBi HS (Essential Box industrial - Hinged Screws), Enclosures, Height: 500 mm, Width: 400 mm, Depth: 200 mm, Gland plates: Bottom, Basic material: Stainless steel 1.4301 (304), untreated, silver
Order No.	<a href="#">8000090355</a>
Type	KEBIHS504020S2N1 AL
GTIN (EAN)	4064675855682
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

## Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	500 mm	Height (inches)	19.685 inch
Width	400 mm	Width (inches)	15.748 inch
Net weight	11015 g		

## Temperatures

Operating temperature -40 °C...85 °C

## Environmental Product Compliance

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

## Cable glands, left

M63	4	M12	126
M50	5	M16	80
M32	27	M25	33
M20	52	M40	14

## Cable glands, right

M25	33	M63	4
M16	80	M40	14
M50	5	M32	27
M20	52	M12	126

## Cable glands, top/bottom

M20	30	M12	80
M63	3	M40	10
M32	12	M25	24
M50	4	M16	48

## Certificate numbers enclosure

Declaration of Conformatiy No. (DoC LVD) DE PS2650 220428  
001ISS01

## General information

Material thickness of cover	1.5 mm	Material thickness of flange	3 mm
Material thickness of enclosure	1.5 mm	Silicone	No

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## Technical data

Operating temperature, max.	85 °C	Operating temperature, min.	-40 °C
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats + hinge	Surface finish	untreated
Impact resistance	10 J version standard	Protection degree	IP66
Basic material	Stainless steel 1.4301 (304)	Seal material	Chloroprene
Enclosure attachment	Installation through the housing rear wall	Note: protection class	IP protection is only given after wall mounting using the enclosed sealing washers.
Gland plates	Bottom	Flange plate	Yes

### horizontal assembly

WDU 10 / ZDU 10	3x30	WDU 16 / ZDU 16	3x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x59	WDU 35 / ZDU 35	2x18
WDU 4 / ZDU 4	4x49	WDU 6 / ZDU 6	3x37

### vertical assembly

WDU 10 / ZDU 10	2x40	WDU 16 / ZDU 16	2x33
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x80	WDU 35 / ZDU 35	2x24
WDU 4 / ZDU 4	3x66	WDU 6 / ZDU 6	2x51

### Classifications

ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		



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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 5040 S2N H	Version
Order No.	<a href="#">8000074321</a>	Klippon EB (Essential Box), Mounting plate, Height: 440 mm, Width: 340 mm, Depth: 1.5 mm, Basic material: Stainless steel 1.4301 (304), untreated, silver
GTIN (EAN)	4064675425304	
Qty.	1 ST	
Type	KEB MOPL 5040 MSZN	Version
Order No.	<a href="#">8000074175</a>	Klippon EB (Essential Box), Mounting plate, Height: 440 mm, Width: 340 mm, Depth: 1.5 mm, Basic material: Sheet steel, galvanized, silver
GTIN (EAN)	4064675425205	
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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## Accessories

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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 mm, Depth: 10.5 mm, Basic material: Steel, untreated, silver
GTIN (EAN)	4064675275695	
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, Depth: 15 mm, Basic material: Steel, silver
GTIN (EAN)	4008190857851	
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, Depth: 20 mm, Basic material: Steel, silver
GTIN (EAN)	4008190850234	
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, Depth: 30 mm, Basic material: Steel, silver
GTIN (EAN)	4008190850241	
Qty.	2 ST	

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## Accessories

### 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		