

**KEBIHS404020S2N1 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: 400 mm, Width: 400 mm, Depth: 200 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), untreated, silver
Order No.	<a href="#">8000090354</a>
Type	KEBIHS404020S2N1 AL
GTIN (EAN)	4064675855675
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	200 mm	Depth (inches)	7.874 inch
Height	400 mm	Height (inches)	15.748 inch
Width	400 mm	Width (inches)	15.748 inch
Net weight	9,515.05 g		

## Temperatures

Operating temperature	-40 °C...85 °C
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## General information

Enclosure attachment	Installation through the housing rear wall	Flange plate	Yes
Gland plates	Bottom	Impact resistance	10 J version standard
Lid attachment	M5 hexagonal screw with slot and 10mm distance across flats + hinge	Material	Stainless steel 1.4301 (304)
Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Material thickness of flange		Note: protection class	IP protection is only given after wall mounting using the enclosed sealing washers.
	3 mm	Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C	Seal material	Chloroprene
Protection degree	IP66	Surface finish	untreated
Silicone	No		

## horizontal assembly

WDU 10 / ZDU 10	2x19	WDU 16 / ZDU 16	2x16
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x39	WDU 35 / ZDU 35	1x11
WDU 4 / ZDU 4	3x32	WDU 6 / ZDU 6	2x24

## vertical assembly

WDU 10 / ZDU 10	1x30	WDU 16 / ZDU 16	1x24
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x59	WDU 35 / ZDU 35	1x18

## Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ECLASS 9.0	27-18-01-01	ECLASS 9.1	27-18-92-90
ECLASS 10.0	27-18-01-01	ECLASS 11.0	27-18-01-01
ECLASS 12.0	27-18-01-01	ECLASS 13.0	27-18-01-01

## Approvals

Approvals



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## Technical data

### Downloads

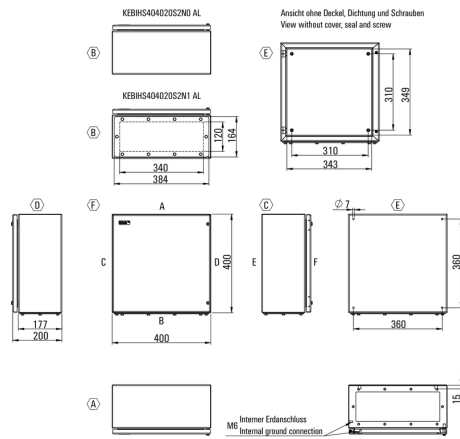
Approval/Certificate/Document of Conformity	<a href="#">EU Declaration of Conformity - Klippon EBi Empty Enclosures - DoC KEBI DE PS2650 220428 001ISS00</a>
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**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.	<a href="#">2660200318</a>	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).	

**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
GTIN (EAN)	4050118896381	thickness (A): 1.2 mm
Qty.	1 pc(s).	

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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 4040 MSZN	Version
Order No.	<a href="#">8000074173</a>	Klippon EB (Essential Box), Mounting plate, Height: 340 mm, Width:
GTIN (EAN)	4064675425182	340 mm, Depth: 1.5 mm, Material: Sheet steel, galvanized, silver
Qty.	1 pc(s).	
Type	KEB MOPL 4040 S2N H	Version
Order No.	<a href="#">8000074319</a>	Klippon EB (Essential Box), Mounting plate, Height: 340 mm, Width:
GTIN (EAN)	4064675425281	340 mm, Depth: 1.5 mm, Material: Stainless steel 1.4301 (304),
Qty.	1 pc(s).	untreated, silver
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, Material: Steel, galvanized, galvanic zinc
Qty.	1 pc(s).	plated and passivated, silver

## 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.	<a href="#">8000075808</a>	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.	<a href="#">8000075809</a>	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.	<a href="#">8000075807</a>	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).	

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## Accessories

## 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, Material: Steel, silver
Qty.	2 pc(s).	
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, Material: Steel, silver
Qty.	2 pc(s).	
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, Material: Steel, silver
Qty.	2 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 130X50 S4B R	Version
Order No.	<a href="#">8000075816</a>	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
Type	TPSDHA KEB 100X25 S4B R	Version
Order No.	<a href="#">8000075818</a>	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

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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:
GTIN (EAN)	4050118753196	13.6 mm, Depth: 13.6 mm, Material: Stainless steel, rust-proof,
Qty.	500 pc(s).	untreated, silver