

KEBXQL604030S4B1 AK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

Klippon® EBx QL stainless steel enclosures, where the lid is fixed by Hinge and Quarter lock, 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 QL (Essential Box Ex - Quarter Lock), Empty enclosure, Height: 600 mm, Width: 400 mm, Depth: 300 mm, Gland plates: Bottom, Material: Stainless steel 1.4404 (316L), Brushed, silver
Order No.	8000071042
Type	KEBXQL604030S4B1 AK
GTIN (EAN)	4064675385165
Qty.	1 pc(s).
Local product	Only available in certain countries

Creation date April 27, 2024 5:22:28 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

KEBXQL604030S4B1 AK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

General ordering data

Local product	Only available in certain countries
---------------	-------------------------------------

Dimensions and weights

Depth	300 mm	Depth (inches)	11.811 inch
Height	600 mm	Height (inches)	23.622 inch
Width	400 mm	Width (inches)	15.748 inch
Mounting dimension - height	560 mm	Mounting dimension - width	360 mm
Net weight	16,017.829 g		

Temperatures

Operating temperature	-55 °C...135 °C
-----------------------	-----------------

Cable glands, left

M12	480	M16	259
M20	171	M25	105
M32	58	M40	36
M50	21	M63	11
M75	9		

Cable glands, right

M12	480	M16	259
M20	171	M25	105
M32	58	M40	36
M50	21	M63	11
M75	9		

Cable glands, top/bottom

M12	273	M16	145
M20	92	M25	48
M32	35	M40	22
M50	12	M63	6
M75	5		

Certificate numbers enclosure

Approval conditions	ATEX, IECEx, INMETRO	Attestation of Conformity 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 (INMETRO)	LMP 21.0601U

KEBXQL604030S4B1 AK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

General information

AF size	10 mm	Access opening: height	549.6 mm
Access opening: width		Areas of use	Chemical industry, Explosive risk zone, Oil and gas industry, Onshore, Process industry, Building systems and technology, Machine construction, Packaging industry
	343.6 mm		
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	Quarter-turn fastener with slotted insert + 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	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

Housing earth

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

horizontal assembly

WDU 10 / ZDU 10	8x30	WDU 16 / ZDU 16	8x25
WDU 2,5 / ZDU 2,5 / IDU 2,5	8x61	WDU 35 / ZDU 35	8x18
WDU 4 / ZDU 4	8x51	WDU 6 / ZDU 6	8x38

vertical assembly

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

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

KEBXQL604030S4B1 AK**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**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

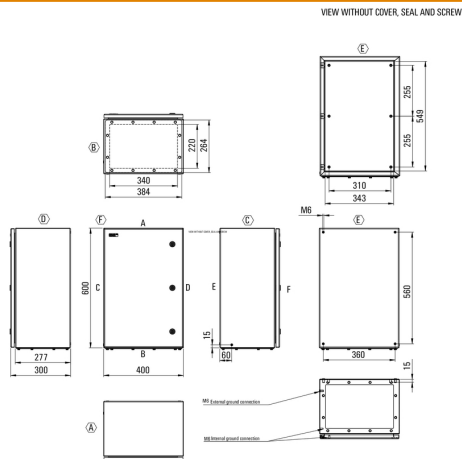
[Catalogues in PDF-format](#)

KEBXQL604030S4B1 AK

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

www.weidmueller.com

Drawings



KEBXQL604030S4B1 AK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	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).	

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 6040 MSZN	Version
Order No.	8000074178	Klippon EB (Essential Box), Mounting plate, Height: 540 mm, Width: 340 mm, Depth: 12 mm, Material: Sheet steel, galvanized, silver
GTIN (EAN)	4064675425236	
Qty.	1 pc(s).	
Type	KEB MOPL 6040 S2N H	Version
Order No.	8000074324	Klippon EB (Essential Box), Mounting plate, Height: 540 mm, Width: 340 mm, Depth: 12 mm, Material: Stainless steel 1.4301 (304), untreated, silver
GTIN (EAN)	4064675425335	
Qty.	1 pc(s).	
Type	GFSC M5X10 TX20 SET	Version
Order No.	1274150000	Klippon EB (Essential Box), Mounting screw, Height: 13.3 mm, Width: 8.5 mm, Depth: 8.5 mm, Material: Steel, galvanized, galvanic zinc plated and passivated, silver
GTIN (EAN)	4050118063820	
Qty.	1 pc(s).	

KEBXQL604030S4B1 AK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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).	

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.	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 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 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).	

KEBXQL604030S4B1 AK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Double-bit key



With the double-bit key, the locking element of the enclosure door can be locked and opened.

General ordering data

Type	KLIPPON QL KEY	Version
Order No.	2473930000	Klippon EB (Essential Box), Key, Miscellaneous, Material: Plastic
GTIN (EAN)	4050118485868	
Qty.	5 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.	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
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

KEBXQL604030S4B1 AK

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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