KEBI QL 504022 S2B0

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

www.weidmueller.com

Similar to illustration



For many years, the name Klippon® has stood for competence and quality in enclosures.
The Klippon® EBi industrial enclosure series protects your components reliably if they are used in moderate environmental conditions and is designed for everyday applications. With the ever-increasing need for individual application solutions, the Klippon® EBi with its high degree of protection and impact resistance is ideally suited to your needs.
Our standard product is the Klippon® EBi QL – with hinged door and double-bit key lock.
A variant with mounting screws is also available, but is only manufactured on request and is subject to a minimum order quantity. DNV GL and cULus approvals are also available on request.

General ordering data

Version	Klippon EBi QL (Essential Box industrial - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 500 mm, Width: 400 mm, Depth: 220 mm, Material: Stainless steel 1.4301 (304), Brushed, silver
Order No.	2470750000
Type	KEBI QL 504022 S2B0
GTIN (EAN)	4050118591224
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2022-12-12

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Technical data

Dimensions and weights

Depth	220 mm	Depth (inches)	8.661 inch
Height	500 mm	Height (inches)	19.685 inch
Width	400 mm	Width (inches)	15.748 inch
Diameter	9 mm	Mounting dimension - height	450 mm
Mounting dimension - width	350 mm	Wall thickness, min.	1.5 mm
Wall thickness, max.	1.5 mm	Net weight	10,279.3 g

Temperatures

Operating temperature	-40 °C...85 °C	Operating temperature range	-40 °C to 85 °C

Cable glands, left

M12	140	M16	85
M20	52	M25	33
M32	27	M40	14
M50	10	M63	4
M75	3		

Cable glands, right

M12	140	M16	85
M20	52	M25	33
M32	27	M40	14
M50	10	M63	4
M75	3		

Cable glands, top/bottom

M12	112	M16	65
M20	40	M25	24
M32	21	M40	10
M50	8	M63	3
M75	2		

Certificate numbers enclosure

Approval conditions	cULus	Certificate No. (DNV)	TAE00002RN
Certificate no. (cULus)	E243298	Declaration of Conformatiy No. (DoC LVD)	DE PS2650 180129 001ISS00

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Technical data

General information

Access opening: height	443 mm	Access opening: width	343 mm
Areas of use	Harbour facilities, Machine construction, Transportation, Marine engineering, Packaging industry, Process industry	Enclosure attachment	Fixing lugs, Installation through the housing rear wall
Flange plate	No	Impact resistance	10.00 J
Integral fixing	Screwed	Lid	Yes
Lid attachment	Quarter-turn fastener with slotted insert	Material	Stainless steel 1.4301 (304)
Material thickness of cover	1.5 mm	Material thickness of enclosure	1.5 mm
Opening angle lid	125 °	Operating temperature, max.	85 °C
Operating temperature, min.	-40 °C	Protection class (UL)	Type 3, Type 4X, Type 5
Protection degree	IP66	Seal material	Polyurethane foamed
Seal material of cover	Polyurethane foamed	Standards	DIN EN 62208, IEC 60529
Surface finish	Brushed		

Housing earth

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

horizontal assembly

WDU 10 / ZDU 10	6x28	WDU 16 / ZDU 16	6x23
WDU 2,5 / ZDU 2,5 / IDU 2,5	6x56	WDU 35 / ZDU 35	6x18
WDU 4 / ZDU 4	6x47	WDU 6 / ZDU 6	6x35

vertical assembly

WDU 10 / ZDU 10	4x38	WDU 16 / ZDU 16	4x32
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x75	WDU 35 / ZDU 35	4x24
WDU 4 / ZDU 4	4x63	WDU 6 / ZDU 6	4x47

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	27180101

Approvals

Approvals

ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

Creation date December 4, 2023 10:31:40 AM CET

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Technical data

Downloads

Approval/Certificate/Document of Conformity	TAE00002RN Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	Product Change Notification to Klippon EBi industry Enclosures (former versions)
User Documentation	Mounting Instructions Empty enclosures Klippon
Catalogues	Catalogues in PDF-format

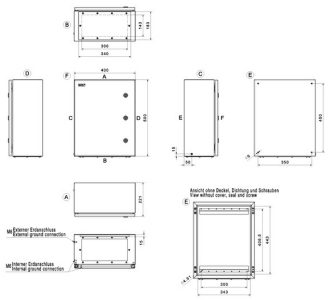
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Drawings

Dimensioned drawing



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Accessories

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 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).	
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.	1 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).	

Depth 7.5 mm



Integrate, expand and customise: The ideal expansion for every application

The consistent structure of accessories for the Klippon® EBi enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.

General ordering data

Type	TS35X7.5 ST KEBI 50 VER	Version
Order No.	8000037554	Rail, TS 35, TS 35 x 7.5, Width: 429 mm, without slot, Steel,
GTIN (EAN)	4050118653076	galvanized, chromium-plated
Qty.	20 pc(s).	

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Accessories

Depth 15 mm



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General ordering data

Type	TS35X15 ST KEBI 50 VER	Version
Order No.	8000073104	Rail, TS 35, TS 35 x 15, Width: 429 mm, without slot, Steel, galvanic
GTIN (EAN)	4064675340553	zinc plated and passivated
Qty.	20 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	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

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).	

Mounting plates – stainless steel 1.4301



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General ordering data

Type	KEBI-KTBI MOPL 5040 S2N	Version
Order No.	1310350000	Klippon EBi (Essential Box industrial), Mounting plate, Height: 429
GTIN (EAN)	4050118112375	mm, Width: 329 mm, Depth: 1.5 mm, Material: Stainless steel 1.4301
Qty.	1 pc(s).	(304), untreated, silver

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Accessories

Mounting plates – galvanised steel



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General ordering data

Type	KEBI-KTBI MOPL 5040 MSZN	Version
Order No.	1310440000	Klippon EBi (Essential Box industrial), Mounting plate, Height: 429
GTIN (EAN)	4050118112627	mm, Width: 329 mm, Depth: 1.5 mm, Material: Sheet steel, untreated,
Qty.	1 pc(s).	silver

Mounting feet



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General ordering data

Type	KEBI-KTBI MF S2 SET	Version
Order No.	1289180000	Klippon EBi (Essential Box industrial), Mounting foot, Height: 70 mm,
GTIN (EAN)	4050118080995	Width: 36 mm, Depth: 10 mm, Material: Stainless steel 1.4301 (304),
Qty.	1 pc(s).	untreated, silver