

**Klippon EBi QL (Essential Box industrial - Quarter Lock)
KEBI QL 504022 S2B1**

Weidmüller Interface GmbH & Co. KG
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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

Type	KEBI QL 504022 S2B1
Order No.	2470860000
Version	Klippon EBi QL (Essential Box industrial - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 500 mm, Width: 400 mm, Depth: 220 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), Brushed, silver
GTIN (EAN)	4050118591156
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	400 mm	Width (inches)	15.748 inch
Height	500 mm	Height (inches)	19.685 inch
Depth	220 mm	Depth (inches)	8.661 inch
Mounting dimension - width	350 mm	Mounting dimension - height	450 mm
Wall thickness, max.	2 mm	Wall thickness, min.	2 mm
Net weight	12,812 g	Diameter	9 mm

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

Certificate no. (cULus)	E243298
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Technical data

General information

Areas of use	Harbour facilities, Machine construction, Transportation, Marine engineering, Packaging industry, Process industry	Flange plate mounting	M5 Torx stainless-steel screws TX20
Gland plates	Bottom	Installation advice	Welded assembly angle, Mounting plate
Material thickness	1.5 mm	Material thickness of cover	1.5 mm
Material thickness of enclosure	1.5 mm	Material thickness of flange	1.5 mm
Opening angle lid	125 °	Seal material of cover	Polyurethane foamed
Seal material of flange plate	EPDM	Standards	DIN EN 62208, IEC 60529
Material	Stainless steel 1.4301 (304)	Seal material	Polyurethane foamed, EPDM
Surface finish	Brushed	Operating temperature, min.	-40 °C
Operating temperature, max.	85 °C	Impact resistance	10.00 J
Protection degree	IP66	Enclosure attachment	Fixing lugs, Installation through the housing rear wall
Lid attachment	Quarter-turn fastener with slotted insert	Integral fixing	Screwed

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
eClass 9.0	27-18-01-01	eClass 9.1	27-18-92-90
eClass 10.0	27-18-01-01		

Approvals

Approvals



ROHS

Conform

Creation date May 2, 2020 12:42:24 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Downloads

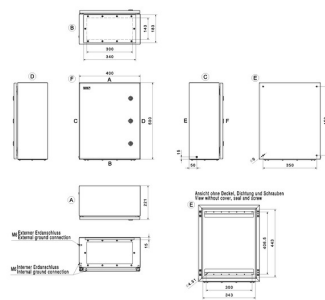
Approval/Certificate/Document of Conformity	Declaration of Conformity
Engineering Data	EPLAN
Engineering Data	STEP
User Documentation	Mounting Instructions Empty enclosures Klippon

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Drawings

Dimensioned drawing



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Accessories

Double-bit key



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General ordering data

Type	KLIPPON QL KEY	Version
Order No.	2473930000	Klippon EBi (Essential Box industrial), Key, Miscellaneous
GTIN (EAN)	4050118485868	
Qty.	5 pc(s).	

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

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Accessories

Mounting plates fastening



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General ordering data

Type	GFSC M5X10 TX20 SET	Version
Order No.	1274150000	Klippon EBi (Essential Box industrial), Mounting screw, silver
GTIN (EAN)	4050118063820	
Qty.	1 pc(s).	

TS 35



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General ordering data

Type	TS35X7.5 ST KEBI 50 VER	Version
Order No.	8000037554	Rail, TS 35, TS 35 x 7.5, Length: 164 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4050118653076	
Qty.	20 pc(s).	

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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, silver
Qty.	1 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), silver

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Accessories

Spacer



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General ordering data

Type	SP M6 20 MSZN	Version
Order No.	3896200000	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190850234	
Qty.	2 pc(s).	
Type	SP M6 15 MSZN	Version
Order No.	3896100000	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190857851	
Qty.	2 pc(s).	
Type	SP M6 30 MSZN	Version
Order No.	3896300000	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190850241	
Qty.	2 pc(s).	