

**Klippon EBi QL (Essential Box industrial - Quarter Lock)  
KEBI QL 303022 S2B1**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
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Germany  
Fon: +49 5231 14-0  
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[www.weidmueller.com](http://www.weidmueller.com)



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**

Type	KEBI QL 303022 S2B1
Order No.	<a href="#">2470820000</a>
Version	Klippon EBi QL (Essential Box industrial - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 300 mm, Width: 300 mm, Depth: 220 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), Brushed, silver
GTIN (EAN)	4050118591132
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Width	300 mm	Width (inches)	11.811 inch
Height	300 mm	Height (inches)	11.811 inch
Depth	220 mm	Depth (inches)	8.661 inch
Mounting dimension - width	250 mm	Mounting dimension - height	250 mm
Wall thickness, max.	2 mm	Wall thickness, min.	2 mm
Net weight	5,320,000 g	Diameter	9 mm

### Cable glands, left

M12	76	M16	45
M20	28	M25	18
M32	15	M40	8
M50	6	M63	2
M75	2		

### Cable glands, right

M12	76	M16	45
M20	28	M25	18
M32	15	M40	8
M50	6	M63	2
M75	2		

### Cable glands, top/bottom

M12	76	M16	45
M20	28	M25	18
M32	15	M40	8
M50	6	M63	2
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	1.25 mm	Material thickness of cover	1.25 mm
Material thickness of enclosure	1.25 mm	Material thickness of flange	1.25 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	3x18	WDU 16 / ZDU 16	3x15
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x36	WDU 35 / ZDU 35	3x11
WDU 4 / ZDU 4	3x30	WDU 6 / ZDU 6	3x23

### vertical assembly

WDU 10 / ZDU 10	3x18	WDU 16 / ZDU 16	3x15
WDU 2,5 / ZDU 2,5 / IDU 2,5	3x36	WDU 35 / ZDU 35	3x11
WDU 4 / ZDU 4	3x30	WDU 6 / ZDU 6	3x23

### 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

### Klippon EBi QL (Essential Box industrial - Quarter Lock) KEBI QL 303022 S2B1

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## Technical data

### Downloads

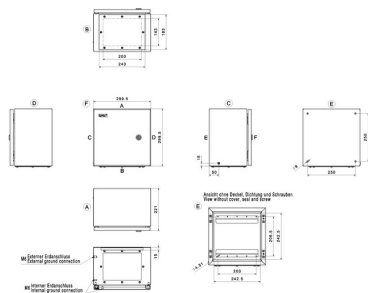
Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity</a>
Engineering Data	<a href="#">EPLAN</a>
Engineering Data	<a href="#">STEP</a>
User Documentation	<a href="#">Mounting Instructions Empty enclosures Klippon</a>

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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.	<a href="#">2473930000</a>	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.	<a href="#">1289180000</a>	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.	<a href="#">1274150000</a>	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 30 VER	Version
Order No.	<a href="#">8000037556</a>	Rail, TS 35, TS 35 x 7.5, Length: 105 mm, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4050118653090	
Qty.	20 pc(s).	

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## Accessories

### Mounting plates – galvanised steel



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#### General ordering data

Type	KEBI-KTBI MOPL 3030 MSZN	Version
Order No.	<a href="#">1310410000</a>	Klippon EBi (Essential Box industrial), Mounting plate, Height: 229
GTIN (EAN)	4050118112450	mm, Width: 229 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 3030 S2N	Version
Order No.	<a href="#">1310320000</a>	Klippon EBi (Essential Box industrial), Mounting plate, Height: 229
GTIN (EAN)	4050118112351	mm, Width: 229 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.	<a href="#">3896200000</a>	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190850234	
Qty.	2 pc(s).	
Type	SP M6 15 MSZN	Version
Order No.	<a href="#">3896100000</a>	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190857851	
Qty.	2 pc(s).	
Type	SP M6 30 MSZN	Version
Order No.	<a href="#">3896300000</a>	Klippon EBi (Essential Box industrial), Spacer, silver
GTIN (EAN)	4008190850241	
Qty.	2 pc(s).	