

**Klippon EBi QL (Essential Box industrial - Quarter Lock)**  
**KEBI QL 806022 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



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 806022 S2B1
Order No.	<a href="#">2470900000</a>
Version	Klippon EBi QL (Essential Box industrial - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 800 mm, Width: 600 mm, Depth: 220 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), Brushed, silver
GTIN (EAN)	4032248336104
Qty.	1 pc(s).

## Data sheet

### Klippon EBi QL (Essential Box industrial - Quarter Lock) KEBI QL 806022 S2B1

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## Technical data

### Dimensions and weights

Width	600 mm	Width (inches)	23.622 inch
Height	800 mm	Height (inches)	31.496 inch
Depth	220 mm	Depth (inches)	8.661 inch
Mounting dimension - width	550 mm	Mounting dimension - height	750 mm
Wall thickness, max.	2 mm	Wall thickness, min.	2 mm
Net weight	19,143,000 g	Diameter	9 mm

### Cable glands, left

M12	222	M16	140
M20	88	M25	54
M32	45	M40	22
M50	18	M63	7
M75	5		

### Cable glands, right

M12	222	M16	140
M20	88	M25	54
M32	45	M40	22
M50	18	M63	7
M75	5		

### Cable glands, top/bottom

M12	165	M16	96
M20	64	M25	39
M32	33	M40	16
M50	14	M63	5
M75	4		

### 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	11x48	WDU 16 / ZDU 16	11x40
WDU 2,5 / ZDU 2,5 / IDU 2,5	11x94	WDU 35 / ZDU 35	11x30
WDU 4 / ZDU 4	11x79	WDU 6 / ZDU 6	11x60

#### vertical assembly

WDU 10 / ZDU 10	8x67	WDU 16 / ZDU 16	8x56
WDU 2,5 / ZDU 2,5 / IDU 2,5	8x133	WDU 35 / ZDU 35	8x42
WDU 4 / ZDU 4	8x111	WDU 6 / ZDU 6	8x84

#### 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 12:41:37 PM CEST

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

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**Technical data****Downloads**

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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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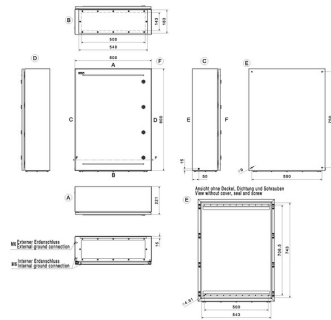
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**Drawings**

**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 80 VER	Version	
Order No.	<a href="#">8000037552</a>	Rail, TS 35, TS 35 x 7.5, Length: 64 mm, without slot, Steel, galvanized, chromium-plated	
GTIN (EAN)	4050118653052		
Qty.	20 pc(s).		

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**Accessories**

**Mounting plates – galvanised steel**



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**General ordering data**

Type	KEBI-KTBI MOPL 8060 MSZN	Version
Order No.	<a href="#">1310480000</a>	Klippon EBi (Essential Box industrial), Mounting plate, Height: 729
GTIN (EAN)	4050118112634	mm, Width: 529 mm, Depth: 12 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 8060 S2N	Version
Order No.	<a href="#">1310390000</a>	Klippon EBi (Essential Box industrial), Mounting plate, Height: 729
GTIN (EAN)	4050118112382	mm, Width: 529 mm, Depth: 12 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).	