

**Klippon EBi QL (Essential Box industrial - Quarter Lock)**  
**KEBI QL 505022 S2B1**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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 505022 S2B1
Order No.	<a href="#">2470870000</a>
Version	Klippon EBi QL (Essential Box industrial - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 500 mm, Width: 500 mm, Depth: 220 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), Brushed, silver
GTIN (EAN)	4050118591118
Qty.	1 pc(s).

## Klippon EBi QL (Essential Box industrial - Quarter Lock) KEBI QL 505022 S2B1

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

### Technical data

#### Dimensions and weights

Width	500 mm	Width (inches)	19.685 inch
Height	500 mm	Height (inches)	19.685 inch
Depth	220 mm	Depth (inches)	8.661 inch
Mounting dimension - width	450 mm	Mounting dimension - height	450 mm
Wall thickness, max.	2 mm	Wall thickness, min.	2 mm
Net weight	11,264.3 g	Diameter	9 mm

#### Certificate numbers enclosure

Certificate no. (cULus) E243298

#### 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.		

#### Classifications

ETIM 6.0	EC000261	eClass 6.2	27-14-91-07
eClass 9.0	27-18-01-01	eClass 9.1	27-18-92-90

#### Approvals

Approvals



ROHS Conform

Creation date May 27, 2019 8:37:32 PM CEST

Catalogue status 23.05.2019 / We reserve the right to make technical changes.

**Data sheet**

**Klippon EBi QL (Essential Box industrial - Quarter Lock)**  
**KEBI QL 505022 S2B1**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Technical data**

**Downloads**

Engineering Data

[STEP](#)

**Data sheet**

**Klippon EBi QL (Essential Box industrial - Quarter Lock)  
KEBI QL 505022 S2B1**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com

**Drawings**

**Dimensioned drawing**

