

KEBI QL 604022 S2B1**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: 600 mm, Width: 400 mm, Depth: 220 mm, Gland plates: Bottom, Material: Stainless steel 1.4301 (304), Brushed, silver
Order No.	2470880000
Type	KEBI QL 604022 S2B1
GTIN (EAN)	4050118591217
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2022-12-12

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Technical data

Dimensions and weights

Depth	220 mm	Depth (inches)	8.661 inch
Height	600 mm	Height (inches)	23.622 inch
Width	400 mm	Width (inches)	15.748 inch
Diameter	9 mm	Mounting dimension - height	550 mm
Mounting dimension - width	350 mm	Wall thickness, min.	2 mm
Wall thickness, max.	2 mm	Net weight	11,240 g

Temperatures

Operating temperature	-40 °C...85 °C	Operating temperature range	-40...85 °C
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Cable glands, left

M12	176	M16	96
M20	64	M25	39
M32	33	M40	16
M50	14	M63	5
M75	4		

Cable glands, right

M12	176	M16	96
M20	64	M25	39
M32	33	M40	16
M50	14	M63	5
M75	4		

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. (cULus)	E243298
Declaration of Conformatiy No. (DoC LVD)	DE PS2650 180129 001ISS00		

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General information

Access opening: height	543 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	Yes	Flange plate mounting	M5 Torx stainless-steel screws TX20
Gland plates	Bottom	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
Material thickness of flange	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, EPDM	Seal material of cover	Polyurethane foamed
Seal material of flange plate	EPDM	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	8x28	WDU 16 / ZDU 16	8x23
WDU 2,5 / ZDU 2,5 / IDU 2,5	8x56	WDU 35 / ZDU 35	8x18
WDU 4 / ZDU 4	8x47	WDU 6 / ZDU 6	8x35

vertical assembly

WDU 10 / ZDU 10	4x48	WDU 16 / ZDU 16	4x40
WDU 2,5 / ZDU 2,5 / IDU 2,5	4x94	WDU 35 / ZDU 35	4x30
WDU 4 / ZDU 4	4x79	WDU 6 / ZDU 6	4x60

Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	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	27-18-01-01	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%

Creation date May 16, 2025 3:33:17 AM CEST

Catalogue status 10.05.2025 / We reserve the right to make technical changes.

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Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E243298

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

