

KEBI FS 504022 S2B1**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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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 FS (Essential Box industrial - Fixing Screw), 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
Order No.	2471080000
Type	KEBI FS 504022 S2B1
GTIN (EAN)	4050118591248
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	220 mm	Depth (inches)	8.661 inch
Diameter	9 mm	Height	500 mm
Height (inches)	19.685 inch	Mounting dimension - height	450 mm
Mounting dimension - width	350 mm	Net weight	11,080,000 g
Wall thickness, max.	2 mm	Wall thickness, min.	2 mm
Width	400 mm	Width (inches)	15.748 inch

Temperatures

Operating temperature	-40 °C...85 °C	Operating temperature range	-40 °C to 85 °C
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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

Approval conditions	cULus	Certificate No. (DNVGL)	TAE00002RN
Certificate no. (cULus)	E256877	Declaration of Conformatiy No. (DoC LVD)	DE PS2650 180129 001ISS00

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Technical data

General information

Access opening: height	443 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	M6 torx stainless steel screws with slot, Removable cover + M6 screws	Material	Stainless steel 1.4301 (304)
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
Number of lid screws	4	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
Torque for lid screws	2.5 Nm		

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	ECLASS 11.0	27-18-01-01

Important note

Product information	Minimum order quantity (50 pieces)
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Approvals



ROHS	Conform
UL File Number Search	E256877

Downloads

Approval/Certificate/Document of Conformity	TAE00002RN Declaration of Conformity
Engineering Data	EPLAN
User Documentation	Mounting Instructions Empty enclosures Klippon
Brochure/Catalogue	Catalogues in PDF-format

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Drawings

Dimensioned drawing

