

Klippon EBi FS (Essential Box industrial - Fixing Screw)
KEBI FS 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 FS 505022 S2B1
Order No.	2471090000
Version	Klippon EBi FS (Essential Box industrial - Fixing Screw), 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)	4050118591323
Qty.	1 pc(s).

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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	13,200,000 g	Diameter	9 mm

Certificate numbers enclosure

Certificate no. (cULus) E256877

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
Seal material of cover	Polyurethane foamed	Seal material of flange plate	EPDM
Standards	DIN EN 62208, IEC 60529	Torque for lid screws	2.5 Nm
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	M6 torx stainless steel screws with slot, Removable cover + M6 screws	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

Product information

Product information Minimum order quantity (50 pieces)

Data sheet

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Approvals

Approvals



ROHS

Conform

Data sheet

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Drawings

Dimensioned drawing

