

Klippon K KLIPPON K51 EX

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The Klippon® brand has long stood for competence and quality in housings – particularly when turnkey, customer-specific solutions for standard industrial applications and applications in explosive risk zones are concerned.

Improved products that meet all application requirements: this was Weidmüller's aim when modernising and upgrading the Klippon® K enclosure series. No matter what kind of application the customer is planning; Weidmüller is able to provide a wide range of aluminium enclosures precisely fitting the customer's requirements. Our extensive product range offers the following advantages:

- Available in two surface finishes: natural and powder-coated (RAL 7001)
- Available with moulded silicone or chloroprene gasket as standard
- Uniform Torx slotted screw head for 19 enclosure sizes
- Mounting holes outside of the gasket area
- High IP protection classes: IP66, IP67 and IP68
- Impact resistance of up to 7 (10) Joules
- The housings are certified by ATEX, IECEx, GOST Ex, GOST, cULus, Russian Maritime Register and Germanischer Lloyd as well as the empty housing standard.
- Alloy is resistant to salt water
- Standardised distributor housings with threaded holes and a variety of terminal configurations

General ordering data

Type	KLIPPON K51 EX
Order No.	9526940000
Version	Enclosures, Klippon K, Aluminium AlSi12, 120 x 220 x 81 mm, Miscellaneous
GTIN (EAN)	4008190979089
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Width	220 mm	Height	120 mm
Depth	81 mm	Mounting dimension - width	204 mm
Mounting dimension - height	82 mm	Weight	1,280 g
Net weight	1,428 g		

Cable glands, left

M12 (3)	6	M16 (3)	3
M20 (3)	2	M25 (3)	1
M32 (3)	1		

Cable glands, right

M12 (2)	6	M16 (2)	3
M20 (2)	2	M25 (2)	1
M32 (2)	1	Side of enclosure	left, right

Cable glands, top/bottom

M12	23	M16	14
M20	8	M25	5
M32	3	M40	3
Side of enclosure	left, right		

General information

Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Torque for cover screws	2.5 Nm
Material	Aluminium AlSi12	Seal material	Silicone
Surface finish	untreated	Operating temperature, min.	-50 °C
Operating temperature, max.	135 °C	Impact resistance	7.00 J
Protection degree	IP 66, IP 67	Enclosure attachment	Holes 6 mm
Cover attachment	M6 torx stainless steel screws with slot	Integral fixing	threaded holes M6

horizontal assembly

WDU 10 / ZDU 10	1x15	WDU 2,5 / ZDU 2,5 / IDU 2,5	1x31
WDU 4 / ZDU 4	1x26	WDU 6 / ZDU 6	1x19

vertical assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5 (2)	*	WDU 4 / ZDU 4 (2)	*
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Classifications

ETIM 3.0	EC000049	UNSPSC	31-26-15-02
eClass 5.1	27-18-05-02	eClass 6.2	27-18-05-02
eClass 7.1	27-18-05-02		

Data sheet

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Technical data

Test certificates

Certificate No. (ATEX)	KEMA00ATEX8501X	Certificate No. (GERMLLOYD)	44536-07
Certificate No. (MARITREG)	09.04040.250		

Product information

Descriptive text ordering data	The colours of painted enclosures may vary under certain circumstances. **Delivery time available on request.
Descriptive text technical data	The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.
Descriptive text accessories	The accessory sets contain the necessary mounting material. Necessary on use of 2 hinges per longitudinal side.

Approvals

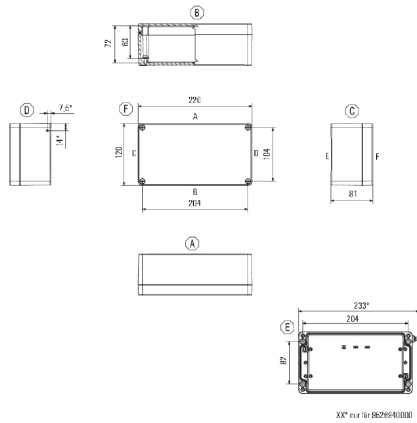
Approvals



ROHS Conform


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Drawings



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