Enclosure
KLIPPON K31 RAL7001

Weidmüller Interface GmbH & Co. KG
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For many years, the name Klippon® has stood for competence and quality in enclosures. The enclosures are ideal for turnkey customised solutions for standard industrial applications and for explosive-risk applications.

Improved products that meet all application requirements: this was Weidmüller's aim during the update of the Klippon® K housing series. Weidmüller delivers many types of aluminium enclosures; they are designed to fit precisely with a wide range of customer requirements and applications.

Our comprehensive product line provides the following advantages:

- Available in two different surfaces: natural and powder-coated (RAL 7001)
- Available normally with silicone or chloroprene gasket seal
- A uniform Torx-slotted screw head is used for over 19 different housing sizes.
- Mounting holes not within the sealed area
- High degree of protection: IP66, IP67 and IP68
- Impact resistance of up to 10 Joules
- The housings are certified by ATEX, GOST, GOST Ex, cULus, Russian Maritime Register, German 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

Order No.	9529170000
Type	KLIPPON K31 RAL7001
Version	Enclosures, 80 mm, 57 mm, 175 mm, Aluminium AlSi12
GTIN (EAN)	4008190918071
Qty.	5 pc(s).

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Technical data

Dimensions

Length	57 mm	Width	175 mm
Height	80 mm	Mounting dimension - width	163 mm
Weight	520 g	Net weight	576.6 g

Cable glands, left

M12 (3)	2	M20 (3)	1

Cable glands, right

M12 (2)	2	M16 (2)	2
M20 (2)	1	Side of enclosure	left, right

Cable glands, top/bottom

M12	9	M16	6
M20	4	M25	3
Side of enclosure	left, right		

General information

Material	Aluminium AlSi12	Seal material	Neoprene
Surface finish	textured	Colour code	RAL 7001
Operating temperature, min.	-40 °C	Operating temperature, max.	85 °C
Impact resistance	10.00 J	Protection degree	IP 66, IP 67, IP 68
Note: protection class	IP68 (t=72h, h=1m)	Enclosure attachment	Holes 4 mm
Cover attachment	M4 torx stainless steel screws with slot	Integral fixing	Threaded holes M4

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5	1x23	WDU 4 / ZDU 4	1x19

vertical assembly

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

Classifications

ETIM 2.0	EC000058	ETIM 3.0	EC000058
UNSPSC	31-26-15-02	eClass 4.1	27-14-12-06
eClass 5.1	27-14-91-07	eClass 6.0	27-14-91-07
eClass 7.0	27-14-91-07		

Test certificates

Certificate No. (GERMLLOYD)	44536-07	Certificate No. (MARITREG)	09.04040.250
Certificate no. (cULus)	E197061VOL2SEC1		

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Approvals

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