

**Enclosure
KLIPPON K6****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

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Germany

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www.weidmueller.com



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

Type	KLIPPON K6
Order No.	0342500000
Version	Enclosures, Aluminium AlSi12, 160 mm, 100 mm, 200 mm
GTIN (EAN)	4008190059804
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	100 mm	Width	200 mm
Height	160 mm	Mounting dimension - width	180 mm
Mounting dimension - height	140 mm	Weight	2,000 g
Net weight	1,800 g		

Cable glands, left

M12 (3)	6	M20 (3)	3
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Cable glands, right

M12 (2)	6	M16 (2)	6
M20 (2)	3	M25 (2)	2
M32 (2)	2	M40 (2)	1
Side of enclosure	left, right		

Cable glands, top/bottom

M12	17	M16	12
M20	7	M25	4
M32	3	M40	2
Side of enclosure	left, right		

General information

Areas of use	Process industry, Transportation, Marine engineering, Packaging industry, Harbour facilities, Machine construction	Material	Aluminium AlSi12
Seal material	Neoprene	Surface finish	untreated
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 6 mm
Cover attachment	M5 torx stainless steel screws with slot	Integral fixing	Threaded holes M5

horizontal assembly

WDU 10 ZDU 10	1x12	WDU 16 ZDU 16	1x10
WDU 2,5 ZDU 2,5 IDU 2,5	1x25	WDU 4 ZDU 4	1x21
WDU 6 ZDU 6	1x15		

vertical assembly

WDU 2,5 ZDU 2,5 IDU 2,5 (2)	*	WDU 4 ZDU 4 (2)	*
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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 6.2	27-14-91-07
eClass 7.1	27-14-91-07		

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Test certificates

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

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 12 or BK 12 CRN (0625320000) 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