

KLIPPON K4 M20ZCSS EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



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

Weidmüller meets these requirements with its range of steel sheet enclosures in the new Klippon® TB series, available in Multi-Hinge (MH) and Quarter-Lock (QL) versions, the Klippon® STB series and the aluminium enclosures of the Klippon® K series.

The portfolio is rounded off with the polyester enclosures of the Klippon® POK series and the polycarbonate enclosures.

Irrespective of which application users are planning, Weidmüller offers numerous precisely fitting housing solutions and individual services: turnkey enclosures with customer-specific configurations such as terminal rails, drilled holes, cable glands, cutouts, special coatings and much more besides.

General ordering data

Type	KLIPPON K4 M20ZCSS EX
Order No.	8000004217
Version	Terminal Box, ATEX II 2GD T85°C Ex e II T6, KLIPPON K4 EX, KL SET 4Z4 S, Drill holes side A: 2 x M20x1.5, Drill holes side B: 2 x M20x1.5
GTIN (EAN)	4032248986651
Qty.	1 pc(s).
Reference product	9526910000

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Technical data**Dimensions and weights**

Net weight	1 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU12ATEX1145 X	Certificate no. assembled enclosure (IECEx)	IECEx IBE 13.0002X
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328		

Housing

Drill holes side A	2 x M20x1.5	Drill holes side B	2 x M20x1.5
Material	Aluminium AlSi12		

Classifications

ETIM 5.0	EC000058	ETIM 6.0	EC002503
eClass 6.2	27-14-91-07	eClass 7.1	27-14-91-07
eClass 8.1	27-14-91-07	eClass 9.0	27-14-44-30
eClass 9.1	27-18-05-90		

Product information

Descriptive text ordering data	All enclosures are equipped with an external earth stud connection. *DU = feed-through terminals, PE = PE terminals
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Approvals

Approvals

**Downloads**

Brochure/Catalogue	CAT 5 ENCL 17/18 EN
PDF (3D)	8000004217.pdf

KLIPPON K4 M20ZCSS EX**Weidmüller Interface GmbH & Co. KG**

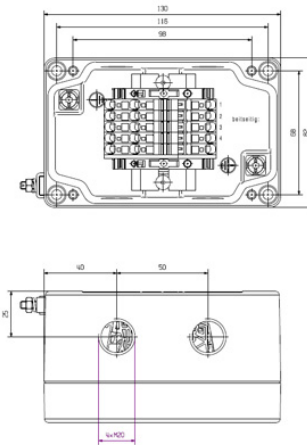
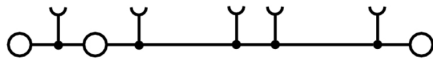
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www.weidmueller.com**Drawings**

**Klippon K (aluminium empty enclosure)
KLIPPON K4 EX**
Weidmüller Interface GmbH & Co. KG

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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.

- 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 enclosures are approved according ATEX, IECEx, GOST Ex, GOST, cULus, Russian Maritime Register and Germanischer Lloyd as well as the empty enclosure standard.
- Alloy is resistant to salt water
- Standardised distributor enclosures with threaded holes and a variety of terminal configurations

General ordering data

Type	KLIPPON K4 EX
Order No.	9526910000
Version	Klippon K (aluminium empty enclosure), Empty enclosure, Aluminium enclosure, Height: 82 mm, Width: 130 mm, Depth: 72 mm, Material: Aluminium AlSi12, untreated, Silver
GTIN (EAN)	4032248019083
Qty.	1 pc(s).

Klippon K (aluminium empty enclosure) KLIPPON K4 EX

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Technical data

Dimensions and weights

Width	130 mm	Width (inches)	5.118 inch
Height	82 mm	Height (inches)	3.228 inch
Depth	72 mm	Depth (inches)	2.835 inch
Mounting dimension - width	116 mm	Mounting dimension - height	68 mm
Weight	620 g	Net weight	663 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Cable glands, left

M12	2	M16	2
M20	1	M25	1
M32	1		

Cable glands, right

M12	2	M16	2
M20	1	M25	1
M32	1		

Cable glands, top/bottom

M12	5	M16	3
M20	2	M25	2

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU12ATEX1145 X	Certificate no. empty enclosure (ATEX)	IBExU12ATEX1144 U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 13.0002X	Certificate no. empty enclosure (IECEX)	IECEX IBE 13.0001U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.В.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.В.00472
Certificate No. (GERMLLOYD)	TAE00002SM	Certificate No. (MARITREG)	14.40040.250

General information

Areas of use	Explosive risk zone, Process industry, Transportation, Packaging industry, Marine engineering, Machine construction, Harbour facilities	Material thickness	4 mm
Material thickness of cover	2.5 mm	Material thickness of enclosure	4 mm
Standards	IEC 60079-0, IEC 60079-7, IEC 60079-31	Torque for lid screws	2.5 Nm
Material	Aluminium AlSi12	Seal material	Silicone
Surface finish	untreated	Operating temperature, min.	-60 °C
Operating temperature, max.	135 °C	Impact resistance	7.00 J
Protection degree	IP66, IP67	Enclosure attachment	Holes 5 mm
Lid attachment	M4 torx stainless steel screws with slot	Integral fixing	Threaded holes M5

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Technical data

horizontal assembly

WDU 2,5 / ZDU 2,5 / IDU 2,5

*

WDU 4 / ZDU 4

*

vertical assembly

WDU 10 / ZDU 10

1x2

WDU 2,5 / ZDU 2,5 / IDU 2,5

1x5

WDU 4 / ZDU 4

1x4

WDU 6 / ZDU 6

1x3

Classifications

ETIM 3.0

EC000049

ETIM 4.0

EC002503

ETIM 5.0

EC002503

ETIM 6.0

EC002503

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

eClass 8.1

27-18-05-02

eClass 9.0

27-18-05-02

eClass 9.1

27-18-05-02

Product information

Descriptive text ordering data

The colours of painted enclosures may vary under certain circumstances.

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 horizontal installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a horizontal position.

Instructions for accessories

Sets also contain the mounting material, if necessary. 1 hinge per longitudinal side. Helicoil for outdoor applications, available ex-works.

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[Attestation of Conformity - Klippon K Empty Enclosures - AoC DE PS2410 160308 001ISS01](#)
[EU Declaration of Conformity - Klippon K Empty Enclosures - DoC DE PS2410 160412 001ISS01](#)

Brochure/Catalogue

[MB OVERV. PROCESS WD DE](#)
[MB KLIPPON ENCL.TECN EN](#)
[MB PROCESS EN](#)
[CAT 5 ENCL 17/18 EN](#)
[FL RAILWAY 2014 EN](#)

Engineering Data

[EPLAN.WSCAD](#)

Engineering Data

[STEP](#)

Tender specification

[Klippon K4 Ex_9526910000_DE](#)
[Klippon K4 Ex_9526910000_EN](#)

User Documentation

[MB KLIPPON ENCL.TECN DE](#)
[Assembly guidelines - empty enclosures](#)

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Drawings

Dimensioned drawing

