

Klippon POK (polyester empty enclosure) KLIPPON POK 121209 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



Klippon® POK – polyester enclosure

The glass-fibre reinforced polyester enclosures of the Klippon® POK range offer a high-quality solution for protecting electrical components. These enclosures are ideal wherever corrosion resistance, shock resistance and a high degree of protection are required.

Features:

- glass-fibre reinforced polyester
- 17 sizes
- Two standard colours: grey (similar to RAL 7001) and black (similar to RAL 9011)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area
- Mounting directly in the enclosure or using an internal mounting plate
- Direct wall mounting possible using fixing holes or mounting feet
- Fastening thread to attach mounting rails and plates
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

| | |
|---------------|---|
| Type | KLIPPON POK 121209 EX |
| Order No. | 1306050000 |
| Version | Klippon POK (polyester empty enclosure), Empty enclosure, Height: 120 mm, Width: 122 mm, Depth: 90 mm, Material: Glass fibre-reinforced polyester, untreated, polished, Black |
| GTIN (EAN) | 4050118108378 |
| Qty. | 1 pc(s). |
| Required tool | 9008540000 |

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Technical data
Dimensions and weights

| | | | |
|-----------------------------|------------|----------------------------|------------|
| Width | 122 mm | Width (inches) | 4.803 inch |
| Height | 120 mm | Height (inches) | 4.724 inch |
| Height of lowest version | 90 mm | Depth | 90 mm |
| Depth (inches) | 3.543 inch | Mounting dimension - width | 106 mm |
| Mounting dimension - height | 82 mm | Net weight | 769 g |

Cable glands, left

| | | | |
|-----|---|-----|---|
| M12 | 8 | M16 | 4 |
| M20 | 3 | M25 | 1 |
| M32 | 1 | | |

Cable glands, right

| | | | |
|-----|---|-----|---|
| M12 | 8 | M16 | 4 |
| M20 | 3 | M25 | 1 |
| M32 | 1 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|---|
| M12 | 12 | M16 | 6 |
| M20 | 4 | M25 | 2 |
| M32 | 1 | | |

Certificate numbers enclosure

| | | | |
|--|----------------------|---|----------------------|
| Certificate no. assembled enclosure (ATEX) | IBExU13ATEX1004 X | Certificate no. empty enclosure (ATEX) | IBExU13ATEX1030 U |
| Certificate no. assembled enclosure (IECEX) | IECEX IBE 13.0004X | Certificate no. empty enclosure (IECEX) | IECEX IBE 13.0003U |
| Certificate no., assembled enclosure (EAC) | RU C-DE.ГБ08.B.01328 | Certificate no., empty enclosure (EAC) | RU C-DE.ГБ08.B.00472 |
| Certificate no. assembled enclosure (AEx) | E223792 | Certificate no. empty enclosure (AEx) | E223792 |
| Certificate no., assembled enclosure (KOSHA) | 16-AV4BO-0246X | Certificate No. (MARITREG) | 14.40041.250 |
| Certificate no. (cULus) | E256877 | | |

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Technical data

General information

| | | | |
|---------------------------------|--|-----------------------------|--|
| Areas of use | Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation | Installation advice | Direct mounting, Mounting straps |
| Material thickness | 4.39 mm | Material thickness of cover | 4.4 mm |
| Material thickness of enclosure | 4.39 mm | Standards | DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31 |
| Torque for lid screws | 2.5 Nm | UL 94 flammability rating | V-0 |
| Material | Glass fibre-reinforced polyester | Seal material | Silicone |
| Surface finish | untreated, polished | Operating temperature, min. | -55 °C |
| Operating temperature, max. | 100 °C | Impact resistance | 7 J ATEX version |
| Protection degree | IP66, NEMA 4, NEMA 4x | Enclosure attachment | Installation through the housing rear wall, Fixing lugs |
| Lid attachment | Slotted/Phillips screws | | |

General information on accessories

| | | | |
|-----------------------------|-------------------------------------|----------------------------|---------|
| Material | Glass fibre-reinforced polyester | Material thickness | 4.39 mm |
| Mounting dimension - height | 82 mm | Mounting dimension - width | 106 mm |
| Surface finish | untreated, polished | | |

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x6 | WDU 16 / ZDU 16 | 1x5 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x12 | WDU 4 / ZDU 4 | 1x10 |
| WDU 6 / ZDU 6 | 1x7 | | |

vertical assembly

| | | | |
|-----------------------------|---|---------------|---|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | * | WDU 4 / ZDU 4 | * |
|-----------------------------|---|---------------|---|

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 5.0 | EC002503 | ETIM 6.0 | EC002503 |
| 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 overview page lists the ambient temperatures. |
| Descriptive text technical data | The assembly with terminal rails is designed for direct mounting. The assembly with modular terminals gives consideration to a distance of 10 mm from the end of each mounting rail. Order recommendations: TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 *There are no specified mounting options available for vertical mounting in the enclosure. |

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Technical data

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Attestation of Conformity - Klippon POK Empty Enclosures - AoC DE PS2600 160308 001ISS01 EU Declaration of Conformity - Klippon POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS01 |
| Brochure/Catalogue | MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN CAT 5 ENCL 17/18 EN FL KLIPPON POK EN FL SHIPBUILDING 2016 EN |
| Engineering Data | EPLAN, WSCAD |
| Tender specification | Klippon POK 121209 Ex_1306050000_DE Klippon POK 121209 Ex_1306050000_EN |
| User Documentation | MB KLIPPON ENCL.TECN DE Assembly guidelines - empty enclosures |

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Drawings

