

KLIPPON POK 121209**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

The Klippon® POK enclosure range is made from a high-quality glass fibre reinforced polyester and is ideal for applications and environments where corrosion resistance, impact resistance and a high IP protection class are a requirement.

Key features of the extensive product range:

- Available in 17 sizes
- Two standard finishes (colours): grey (similar to RAL 7001 for industrial use) and black (similar to RAL 9011 for harsh environments, Ex)
- Cover with stainless steel screws in cross-head / slotted design
- Moulded gasket made of silicone or chloroprene
- Fixing holes outside the sealed area to ensure high ingress protection of IP66
- Impact resistance up to 7 Joules
- 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
- Up to E60 fire rating dependent on the configuration
- Weidmüller can manufacture and supply this enclosure to match customer specifications - fitted with all necessary terminals and cable glands.

General ordering data

| | |
|---------------|---|
| Version | Klippon POK (polyester empty enclosure), Empty enclosure, Height: 120 mm, Width: 122 mm, Depth: 90 mm, Material: Glass fibre-reinforced polyester, untreated, polished, Silver grey |
| Order No. | 1305870000 |
| Type | KLIPPON POK 121209 |
| GTIN (EAN) | 4050118104899 |
| Qty. | 1 pc(s). |
| Required tool | 9008540000 |

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Technical data

Dimensions and weights

| | | | |
|----------------------------|------------|-----------------------------|------------|
| Depth | 90 mm | Depth (inches) | 3.543 inch |
| Height | 120 mm | Height (inches) | 4.724 inch |
| Height of lowest version | 90 mm | Width | 122 mm |
| Width (inches) | 4.803 inch | Mounting dimension - height | 82 mm |
| Mounting dimension - width | 106 mm | Net weight | 721 g |

Temperatures

| | |
|-----------------------|-----------------|
| Operating temperature | -40 °C...100 °C |
|-----------------------|-----------------|

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

| | | | |
|-------------------------|----------------|--|---------------------------|
| Approval conditions | cULus, LR, DNV | Certificate No. (DNV) | TAE00002R2 |
| Certificate no. (cULus) | E256877 | Declaration of Conformatiy No. (DoC LVD) | DE_PS2401_160412_001ISS01 |

General information

| | | | |
|---------------------------------|--|-----------------------------|---|
| Access opening: height | 111.22 mm | Access opening: width | 113.22 mm |
| Areas of use | Harbour facilities, Machine construction, Process industry, Transportation | Enclosure attachment | Installation through the housing rear wall, Fixing lugs |
| Flange plate | No | Impact resistance | 5 J version standard |
| Lid | Yes | Lid attachment | Slotted/Phillips screws |
| Material | Glass fibre-reinforced polyester | Material thickness of cover | 4.4 mm |
| Material thickness of enclosure | 4.39 mm | Max. payload | 5.86 kg |
| Number of lid screws | 4 | Operating temperature, max. | 100 °C |
| Operating temperature, min. | -40 °C | Protection class (UL) | Type 4, Type 4X |
| Protection degree | IP66 | Seal material | Chloroprene |
| Standards | DIN EN 62208 - Empty enclosure standard, DIN 4102-12 | Surface finish | untreated, polished |
| Torque for lid screws | 2.5 Nm | UL 94 flammability rating | V-0 |

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Technical data

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 6.0 | EC000261 | ETIM 7.0 | EC000261 |
| ETIM 8.0 | EC000261 | ETIM 9.0 | EC000261 |
| ECLASS 9.0 | 27-18-01-01 | ECLASS 9.1 | 27-18-92-90 |
| ECLASS 10.0 | 27-18-01-01 | ECLASS 11.0 | 27-18-01-01 |
| ECLASS 12.0 | 27-18-01-01 | ECLASS 13.0 | 27-18-01-01 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | afb385d0-c52b-4449-8502-203596817ab0 |

Important note

| | |
|---------------------|---|
| Product information | The fire rating up to E60 acc. to DIN 4102-12 depends on concrete configurations / installations (details see "Declaration of Manufacturer" in "Downloads") |
|---------------------|---|

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E256877 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | 14_20001 TAE00002R2 MPA NRW Certificate - fire rated assembled boxes acc. to DIN 4102-12 EU Declaration of Conformity - KlippON POK Empty Enclosures IND - DoC DE PS2401_160412_001SS02 |
| Engineering Data | CAD data – STEP |
| Tender specification | KlippON POK 121209_1305870000_DE KlippON POK 121209_1305870000_EN |
| User Documentation | Assembly guidelines - empty enclosures |
| Catalogues | Catalogues in PDF-format |
| Brochures | MB KLIPPON ENCL.TECN EN FL KLIPPON POK EN FL SHIPBUILDING 2016 EN FL SHIPBUILDING 2016 EN |

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Drawings

