

KLIPPON POK 081606 EX**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: 75 mm, Width: 160 mm, Depth: 56 mm, Material: Glass fibre-reinforced polyester, untreated, polished, black |
| Order No. | 1306020000 |
| Type | KLIPPON POK 081606 EX |
| GTIN (EAN) | 4050118108446 |
| Qty. | 1 pc(s). |
| Required tool | 9008540000 |

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Technical data

Dimensions and weights

| | | | |
|----------------------------|------------|-----------------------------|------------|
| Depth | 56 mm | Depth (inches) | 2.205 inch |
| Height | 75 mm | Height (inches) | 2.953 inch |
| Height of lowest version | 56 mm | Width | 160 mm |
| Width (inches) | 6.299 inch | Mounting dimension - height | 45 mm |
| Mounting dimension - width | 148 mm | Net weight | 436 g |

Temperatures

| | |
|-----------------------|------------------|
| Operating temperature | -55 °C... 100 °C |
|-----------------------|------------------|

Cable glands, left

| | | | |
|-----|---|-----|---|
| M12 | 1 | M16 | 1 |
| M20 | 1 | | |

Cable glands, right

| | | | |
|-----|---|-----|---|
| M12 | 1 | M16 | 1 |
| M20 | 1 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|---|
| M12 | 11 | M16 | 5 |
| M20 | 4 | M25 | 3 |

Certificate numbers enclosure

| | | | |
|---|---|---|---------------------------|
| Approval conditions | ATEX, DNV, IECEX, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC, INMETRO | Attestation of Conformity No. (AoC) | DE PS2600 160308 001ISS01 |
| Certificate No. (ATEX) | IBEXU13ATEX1004X | Certificate No. (DNV) | TAE00002R2 |
| Certificate No. (IECEX) | IECEXIBE13.0003U | Certificate no. (cULus) | E256877 |
| Certificate no. Terminal Box (AEx) | E223792 | Certificate no. Terminal Box (ATEX) | IBEXU13ATEX1004 X |
| Certificate no. Terminal Box (IECEX) | IECEX IBE 13.0004X | Certificate no. Terminal Box (INMETRO) | LMP 21.0021X |
| Certificate no. Terminal Box (KOSHA) | 16-AV4BO-0246X | Certificate no. empty enclosure (AEx) | E223792 |
| Certificate no. empty enclosure (ATEX) | IBEXU13ATEX1003 U | Certificate no. empty enclosure (IECEX) | IECEX IBE 13.0003U |
| Certificate no. empty enclosure (INMETRO) | LMP 23.0528U | Declaration of Conformity No. (DoC LVD) | DE_PS2600_160412_001ISS01 |

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General information

| | | | |
|---------------------------------|---|-----------------------------|---|
| Access opening: height | 66.62 mm | Access opening: width | 151.62 mm |
| Areas of use | Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation | Enclosure attachment | Installation through the housing rear wall, Fixing lugs |
| Flange plate | No | Impact resistance | 7 J ATEX version |
| Lid | Yes | Lid attachment | Slotted/Phillips screws |
| Material | Glass fibre-reinforced polyester | Material thickness of cover | 3.5 mm |
| Material thickness of enclosure | 4.19 mm | Number of lid screws | 4 |
| Operating temperature, max. | 100 °C | Operating temperature, min. | -55 °C |
| Protection class (UL) | Type 4, Type 4X | Protection degree | IP66 |
| Seal material | Silicone | Standards | DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31 |
| Surface finish | untreated, polished | Torque for lid screws | 2.5 Nm |
| UL 94 flammability rating | V-0 | | |

horizontal assembly

| | | | |
|-----------------------------|------|---------------|------|
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x20 | WDU 4 / ZDU 4 | 1x17 |
|-----------------------------|------|---------------|------|

vertical assembly

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

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002503 | ETIM 7.0 | EC002503 |
| ETIM 8.0 | EC002503 | ETIM 9.0 | EC002503 |
| ECLASS 9.0 | 27-18-05-02 | ECLASS 9.1 | 27-18-05-02 |
| ECLASS 10.0 | 27-18-05-02 | ECLASS 11.0 | 27-18-05-02 |
| ECLASS 12.0 | 27-18-05-02 | ECLASS 13.0 | 27-18-05-02 |

Environmental Product Compliance

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

Approvals

Approvals



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

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Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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www.weidmueller.com**Technical data****Downloads**

| | |
|---|---|
| Approval/Certificate/Document of Conformity | CCC 2020322303002628 POK Assembly Enclosure UKCA TÜV 22 UKEX 7093 X UKCA TÜV 22 UKEX 7092 U Attestation of Conformity - Klippon POK Empty Enclosures - AoC DE PS2600 160308 001ISS03 14 20001 TAE00002R2 IECEXIBE13.0004X 16-AV4BO-246X IBEXU13ATEX1003U IBEXU13ATEX1004X IECEXIBE13.0003U INMETRO CERTIFICADO LMP 21.0021X KLIPPON POK EU Declaration of Conformity - Klippon POK Empty Enclosures Ex - DoC DE PS2600 160412 001ISS02 |
| Engineering Data | CAD data – STEP |
| Tender specification | Klippon POK 081606 Ex_1306020000_DE Klippon POK 081606 Ex_1306020000_EN |
| Catalogues | Catalogues in PDF-format |
| Brochures | MB OVERV. PROCESS WD DE MB KLIPPON ENCL.TECN EN MB PROCESS EN FL KLIPPON POK EN FL SHIPBUILDING 2016 EN FL SHIPBUILDING 2016 EN |

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Drawings

