

KLIPPON POK 163609 EX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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: 160 mm, Width: 360 mm, Depth: 90 mm, Basic material: Glass fibre-reinforced polyester, untreated, polished, black |
| Order No. | 1306100000 |
| Type | KLIPPON POK 163609 EX |
| GTIN (EAN) | 4050118108262 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



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

Dimensions and weights

| | | | |
|----------------------------|--------------|-----------------------------|-------------|
| Depth | 90 mm | Depth (inches) | 3.5433 inch |
| Height | 160 mm | Height (inches) | 6.2992 inch |
| Height of lowest version | 90 mm | Width | 360 mm |
| Width (inches) | 14.1732 inch | Mounting dimension - height | 110 mm |
| Mounting dimension - width | 340 mm | Net weight | 2291 g |

Temperatures

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

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | afb385d0-c52b-4449-8502-203596817ab0 |

Cable glands, left

| | | | |
|-----|----|-----|---|
| M12 | 11 | M16 | 6 |
| M32 | 2 | M25 | 2 |
| M20 | 4 | M40 | 1 |

Cable glands, right

| | | | |
|-----|---|-----|----|
| M25 | 2 | M16 | 6 |
| M40 | 1 | M32 | 2 |
| M20 | 4 | M12 | 11 |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M20 | 20 | M12 | 45 |
| M40 | 5 | M32 | 6 |
| M25 | 8 | M16 | 36 |

Certificate numbers enclosure

| | | | |
|---|---------------------------|---|---------------------------|
| Declaration of Conformity No. (DoC LVD) | DE PS2600 160412 001ISS02 | Attestation of Conformity No. (AoC) | DE PS2600 160308 001ISS03 |
| Certificate no. Terminal Box (KOSHA) | 16-AV4BO-0246X | Certificate no. empty enclosure (INMETRO) | LMP 23.0528U |

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|---|---|--|--------------------|
| Certificate No. (DNV) | TAE00002R2 | Certificate no. Terminal Box (AEx) | E223792 |
| Certificate no. Terminal Box (ATEX) | IBExU13ATEX1004 X | Certificate no. empty enclosure (ATEX) | IBExU13ATEX1003 U |
| Certificate no. Terminal Box (INMETRO) | LMP 21.0021X | Certificate no. Terminal Box (IECEX) | IECEX IBE 13.0004X |
| Certificate no. empty enclosure (IECEX) | IECEX IBE 13.0003U | Certificate No. (IECEX) | IECEXIBE13.0003U |
| Certificate No. (ATEX) | IBEXU13ATEX1004X | Certificate no. empty enclosure (AEx) | E223792 |
| Approval conditions | ATEX, DNV, IECEX, LR, RMRS, UL AEx Class Div., UL AEx Class Zone, cULus, KC, CCC, INMETRO | Certificate no. (cULus) | E256877 |

General information

| | | | |
|-----------------------------|---|---------------------------------|---|
| Material thickness of cover | 5 mm | Material thickness of enclosure | 5.99 mm |
| Operating temperature, max. | 100 °C | Operating temperature, min. | -55 °C |
| UL 94 flammability rating | V-0 | Lid attachment | Slotted/Phillips screws |
| Standards | DIN EN 62208 - Empty enclosure standard, IEC 60079-0, IEC 60079-7, IEC 60079-31 | Surface finish | untreated, polished |
| Impact resistance | 7 J ATEX version | Protection degree | IP66 |
| Basic material | Glass fibre-reinforced polyester | Seal material | Silicone |
| Torque for lid screws | 2.5 Nm | Enclosure attachment | Installation through the housing rear wall, Fixing lugs |
| Protection class (UL) | Type 4, Type 4X | Number of lid screws | 4 |
| Access opening: width | 348.02 mm | Required tool | SDK PZ2 |
| Flange plate | No | Lid | Yes |
| Access opening: height | 148.02 mm | Areas of use | Explosive risk zone, Harbour facilities, Machine construction, Process industry, Transportation |

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x29 | WDU 16 / ZDU 16 | 1x24 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x56 | WDU 4 / ZDU 4 | 1x47 |
| WDU 6 / ZDU 6 | 1x36 | | |

vertical assembly

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

Classifications

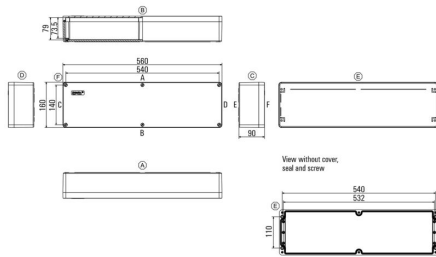
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002503 | ETIM 9.0 | EC002503 |
| ETIM 10.0 | EC002503 | ECLASS 14.0 | 27-18-05-02 |
| ECLASS 15.0 | 27-18-05-02 | | |

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Drawings

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Accessories

Klippon® POK earthing plates



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.

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- Impact resistance up to 7 Joules
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- 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

| | | | |
|------------|----------------------------|---------|---|
| Type | KLIPPON COPL 163609 | Version | |
| Order No. | 1391010000 | | Klippon POK (polyester empty enclosure), Earthing plate, |
| GTIN (EAN) | 4050118191332 | | Miscellaneous, Height: 60.5 mm, Width: 438 mm, Depth: 0.8 mm, |
| Qty. | 5 ST | | Basic material: Brass, polished, untreated |

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Accessories

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Klippon® POK installation material



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | TPSD FIXING SET POK | Version |
| Order No. | 1435840000 | Klippon POK (polyester empty enclosure), Type plate fixings set, |
| GTIN (EAN) | 4050118240771 | Height: 12 mm, Width: 12 mm, Depth: 15.06 mm, Basic material: |
| Qty. | 1 ST | Stainless steel, rust-proof, untreated |
| Type | SD FIXING SET POK | Version |
| Order No. | 1463490000 | Klippon POK (polyester empty enclosure), Identification plate fixing |
| GTIN (EAN) | 4050118299878 | set, Height: 12 mm, Width: 12 mm, Depth: 16.4 mm, Basic material: |
| Qty. | 1 ST | Stainless steel 1.4305 (303), untreated |

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Accessories

Klippon® POK standard mounting plates



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | POK MOPL 1636 | Version |
| Order No. | 9510630000 | Klippon POK (polyester empty enclosure), Mounting plate, Height: |
| GTIN (EAN) | 4008190498269 | 143 mm, Width: 345 mm, Depth: 1.5 mm, Basic material: Sheet |
| Qty. | 1 ST | steel, galvanized, Miscellaneous, silver |

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Accessories

Klippon® POK mounting plates in combination with earthing plates



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General ordering data

| | | |
|------------|----------------------------|--|
| Type | POK MOPL 1636 MINI | Version |
| Order No. | 1534380000 | Klippon POK (polyester empty enclosure), Mounting plate, Height: |
| GTIN (EAN) | 4050118338317 | 113 mm, Width: 342 mm, Depth: 1.5 mm, Basic material: Sheet |
| Qty. | 1 ST | steel, galvanized, galvanized, silver |

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Accessories

Depth 7.5 mm



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General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | TS35X7.5 ST POK 1636 | Version | |
| Order No. | 8000003910 | Rail, TS 35, TS 35 x 7.5, Width: 342 mm, without slot, Steel, galvanic | |
| GTIN (EAN) | 4050118652703 | zinc plated and passivated | |
| Qty. | 20 ST | | |

Earthing stud



Earthing bolts to exchange as a complete component in two versions – brass and stainless steel.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | PEBZ M10 BR SET | Version | |
| Order No. | 1277220000 | Klippon POK (polyester empty enclosure), Earthing stud, | |
| GTIN (EAN) | 4050118067019 | Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm, | |
| Qty. | 1 ST | Basic material: Brass | |

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Accessories

Klippon® POK earthing stud



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General ordering data

| | | |
|------------|----------------------------|---|
| Type | PEBZ M10 S4 SET | Version |
| Order No. | 1283440000 | Klippon POK (polyester empty enclosure), Earthing stud, |
| GTIN (EAN) | 4050118073362 | Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm, |
| Qty. | 1 ST | Basic material: Stainless steel 1.4404 (316L) |
| Type | PEBZ M6 BR SET | Version |
| Order No. | 1277250000 | Klippon POK (polyester empty enclosure), Earthing stud, |
| GTIN (EAN) | 4050118067149 | Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm, |
| Qty. | 1 ST | Basic material: Brass |

Earthing stud

Accessories



General ordering data

| | | |
|------------|----------------------------|---|
| Type | PEBZ M6 S4 SET | Version |
| Order No. | 1283430000 | Klippon POK (polyester empty enclosure), Earthing stud, |
| GTIN (EAN) | 4050118073607 | Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm, |
| Qty. | 1 ST | Basic material: Stainless steel 1.4404 (316L) |

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Accessories

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Spacer



Stainless steel spacers in three lengths to increase the distance between the mounting rails or DIN rails and the rear wall of the enclosure.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | SP M6 15 MSZN | Version |
| Order No. | 3896100000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4008190857851 | Depth: 15 mm, Basic material: Steel, silver |
| Qty. | 2 ST | |
| Type | SP M6 20 MSZN | Version |
| Order No. | 3896200000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4008190850234 | Depth: 20 mm, Basic material: Steel, silver |
| Qty. | 2 ST | |
| Type | SP M6 30 MSZN | Version |
| Order No. | 3896300000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4008190850241 | Depth: 30 mm, Basic material: Steel, silver |
| Qty. | 2 ST | |
| Type | SP M6 15 S2 | Version |
| Order No. | 0935120000 | Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4032248699056 | Depth: 15 mm, Basic material: Stainless steel 1.4305 (303), silver |
| Qty. | 4 ST | |
| Type | SP M6 10 S2 | Version |
| Order No. | 0935110000 | Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4032248699049 | Depth: 10 mm, Basic material: Stainless steel 1.4305 (303), silver |
| Qty. | 4 ST | |
| Type | SP M6 20 S2 | Version |
| Order No. | 0935130000 | Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4032248699001 | Depth: 20 mm, Basic material: Stainless steel 1.4305 (303), silver |
| Qty. | 4 ST | |
| Type | SP M6 30 S2 | Version |
| Order No. | 0935140000 | Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4032248699117 | Depth: 30 mm, Basic material: Stainless steel 1.4305 (303), silver |
| Qty. | 4 ST | |

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Accessories

Installation material



Integrate, expand and customise - the perfect supplement to every application

The fully structured range of system accessories for the new Klippon® TB enclosure series allows you to easily adapt the enclosures to meet the specific requirements of every application.

Mounting hardware kits

Mounting hardware kits are available for quick and easy installation of type label holders, document holders and rain hoods.

The label fastening set – SD is required to install a plastic (Trafolyte) ID or type label. With the aid of this set can you mount the ID or type label directly on the enclosure cover. The label fastening set has been specially developed for this purpose. Only by using this fastening set can you ensure that there will be no leaks into the enclosure or damage to the label.

The universal fastening set – TPSD has been developed to enable secure and quick installation of type label holders, rain covers or document holders, for example. By using this fastening set, the risk of leaks can be minimised, if not avoided.

General ordering data

| | | | |
|------------|----------------------------|--|--|
| Type | FKSC M6X8 D9/SW3 | Version | |
| Order No. | 0642600000 | Klippon TB (Terminal Box), Mounting screw, Basic material: Steel | |
| GTIN (EAN) | 4008190058258 | | |
| Qty. | 50 ST | | |

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Accessories

Depth 15 mm



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| | | | |
|------------|----------------------------|---|--|
| Type | TS35X15 ST POK 1636 | Version | |
| Order No. | 8000073212 | Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and | |
| GTIN (EAN) | 4064675356592 | passivated | |
| Qty. | 20 ST | | |