

KLIPPON POK 404012**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: 405 mm, Width: 400 mm, Depth: 120 mm, Material: Glass fibre-reinforced polyester, untreated, polished, Silver grey |
| Order No. | 1305970000 |
| Type | KLIPPON POK 404012 |
| GTIN (EAN) | 4050118108323 |
| Qty. | 1 pc(s). |
| Required tool | 9008540000 |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

| | | | |
|----------------------------|-------------|-----------------------------|-------------|
| Depth | 120 mm | Depth (inches) | 4.724 inch |
| Height | 405 mm | Height (inches) | 15.945 inch |
| Height of lowest version | 120 mm | Width | 400 mm |
| Width (inches) | 15.748 inch | Mounting dimension - height | 355 mm |
| Mounting dimension - width | 380 mm | Net weight | 5,415 g |

Temperatures

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

Cable glands, left

| | | | |
|-----|----|-----|----|
| M12 | 60 | M16 | 39 |
| M20 | 30 | M25 | 18 |
| M32 | 7 | M40 | 5 |
| M50 | 4 | | |

Cable glands, right

| | | | |
|-----|----|-----|----|
| M12 | 60 | M16 | 39 |
| M20 | 30 | M25 | 18 |
| M32 | 7 | M40 | 5 |
| M50 | 4 | | |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M12 | 62 | M16 | 54 |
| M20 | 33 | M25 | 18 |
| M32 | 14 | M40 | 6 |
| M50 | 4 | | |

Certificate numbers enclosure

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

General information

| | | | |
|---------------------------------|--|-----------------------------|---|
| Access opening: height | 393.02 mm | Access opening: width | 388.02 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 | 5 mm |
| Material thickness of enclosure | 5.99 mm | Max. payload | 64.8 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 |

Creation date April 26, 2024 8:27:34 AM CEST

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

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 3x33 | WDU 16 / ZDU 16 | 3x27 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x67 | WDU 4 / ZDU 4 | 3x55 |
| WDU 6 / ZDU 6 | 3x41 | | |

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 404012_1305970000_DE Klippon POK 404012_1305970000_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 |

www.weidmueller.com

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Klippon® POK mounting feet



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

| Type | MF POK BIG | Version |
|------------|----------------------------|--|
| Order No. | 9510910000 | Klippon POK (polyester empty enclosure), Mounting foot, Fixing lugs, |
| GTIN (EAN) | 4032248009756 | Height: 16 mm, Width: 51 mm, Depth: 6 mm, Material: Stainless steel |
| Qty. | 1 pc(s). | 1.4301, Miscellaneous |

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 30 MSZN | Version |
|------------|----------------------------|--|
| Order No. | 3896300000 | Klippon EB (Essential Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4008190850241 | Depth: 30 mm, Material: Steel, silver |
| Qty. | 2 pc(s). | |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|--|
| 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, Material: Steel, silver |
| Qty. | 2 pc(s). | |
| 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, Material: Steel, silver |
| Qty. | 2 pc(s). | |

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.

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

| | | |
|------------|----------------------------|---|
| Type | KLIPPON COPL 404012 | Version |
| Order No. | 1391070000 | Klippon POK (polyester empty enclosure), Earthing plate, |
| GTIN (EAN) | 4050118191226 | Miscellaneous, Height: 85.5 mm, Width: 722 mm, Depth: 0.8 mm, |
| Qty. | 5 pc(s). | Material: Brass, polished, untreated |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Klippon® POK installation material



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

| 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, Material: |
| Qty. | 1 pc(s). | Stainless steel 1.4305 (303), untreated |

Earthing stud

Accessories



General ordering data

| 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 pc(s). | Material: Brass |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|---|
| 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 pc(s). | Material: Brass |
| 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 pc(s). | Material: Stainless steel 1.4404 (316L) |
| 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 pc(s). | Material: Stainless steel 1.4404 (316L) |

Spacer

**Integrate, expand and customise: The ideal expansion for every application**

The consistent structure of accessories for the new Klippon® TB enclosure range means that you can easily adapt the enclosure to the specific requirements of each application.

Spacer

Stainless steel spacers in four 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 S2 | Version |
| Order No. | 0935120000 | Klippon TB (Terminal Box), Spacer, Height: 11.2 mm, Width: 10 mm, |
| GTIN (EAN) | 4032248699056 | Depth: 15 mm, Material: Stainless steel 1.4305 (303) |
| Qty. | 4 pc(s). | |
| 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, Material: Stainless steel 1.4305 (303) |
| Qty. | 4 pc(s). | |
| 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, Material: Stainless steel 1.4305 (303) |
| Qty. | 4 pc(s). | |
| 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, Material: Stainless steel 1.4305 (303) |
| Qty. | 4 pc(s). | |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Klippon® POK standard mounting 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.

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

| Type | POK MOPL 4040 | Version |
|------------|----------------------------|--|
| Order No. | 9510670000 | Klippon POK (polyester empty enclosure), Mounting plate, Height: |
| GTIN (EAN) | 4008190498313 | 389 mm, Width: 383 mm, Depth: 1.5 mm, Material: Sheet steel, |
| Qty. | 1 pc(s). | galvanized, Miscellaneous, silver |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

Klippon® POK mounting plates in combination with 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.

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

| Type | POK MOPL 4040 MINI | Version |
|------------|----------------------------|--|
| Order No. | 1534440000 | Klippon POK (polyester empty enclosure), Mounting plate, Height: |
| GTIN (EAN) | 4050118337891 | 359 mm, Width: 383 mm, Depth: 1.5 mm, Material: Sheet steel, |
| Qty. | 1 pc(s). | galvanized, galvanized, silver |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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, Material: Steel |
| GTIN (EAN) | 4008190058258 | |
| Qty. | 50 pc(s). | |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Depth 15 mm



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

| | | |
|------------|----------------------------|---|
| Type | TS35X15 ST POK 4040 | Version |
| Order No. | 8000073216 | Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and |
| GTIN (EAN) | 4064675356738 | passivated |
| Qty. | 20 pc(s). | |

Ventilation plugs - DAE



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

General ordering data

| | | |
|------------|----------------------------|---|
| Type | DAE M12 PA LONG | Version |
| Order No. | 1868570000 | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440429 | mm, IP66, IP68, IP69K, Polyamide 6 |
| Qty. | 10 pc(s). | |

KLIPPON POK 404012

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|---|
| Type | DAE M12 SS | Version |
| Order No. | 1868550000 | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440405 | mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303) |
| Qty. | 10 pc(s). | |

Depth 7.5 mm



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

| | | |
|------------|----------------------------|--|
| Type | TS35X7.5 ST POK 4040 | Version |
| Order No. | 8000003913 | Rail, TS 35, TS 35 x 7.5, Width: 384 mm, without slot, Steel, galvanic |
| GTIN (EAN) | 4050118652734 | zinc plated and passivated |
| Qty. | 20 pc(s). | |