

FPC 20/30/13 TRSP

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

www.weidmueller.com



Medium-sized polycarbonate enclosures

The FPC series of enclosures is the next generation of the MPC series. Exhibiting the same material properties, the FPC series has an even wider range of accessories and hence extends the number of potential applications.

Features:

- 6 sizes in 2 versions
- Grey or transparent cover
- Cover with lead-seal holes
- Fixing holes outside the sealed area
- Thread for fitting to terminal rails, mounting plates and PCBs
- Comprehensive accessories Weidmüller can manufacture and supply the enclosures to match customer specifications, fitted with all necessary terminals and cable glands.

General ordering data

| | |
|------------|---|
| Version | FPC (polycarbonate empty enclosure), Empty enclosure, Height: 200 mm, Width: 300 mm, Depth: 132 mm, Basic material: Polycarbonate, untreated, Light Grey, Transparent |
| Order No. | 9535700000 |
| Type | FPC 20/30/13 TRSP |
| GTIN (EAN) | 4032248009817 |
| Qty. | 1 items |

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Technical data

Approvals

| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 132 mm | Depth (inches) | 5.1968 inch |
| Height | 200 mm | Height (inches) | 7.874 inch |
| Width | 300 mm | Width (inches) | 11.811 inch |
| Net weight | 1442.4 g | | |

Temperatures

| | |
|-----------------------|-----------------|
| Operating temperature | -50 °C...130 °C |
|-----------------------|-----------------|

Environmental Product Compliance

| | |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC | No SVHC above 0.1 wt% |

Cable glands, right

| | | | |
|-----|----|-----|----|
| M25 | 4 | M63 | 1 |
| M16 | 11 | M40 | 1 |
| M50 | 1 | M32 | 2 |
| M20 | 6 | M12 | 20 |

Cable glands, top/bottom

| | | | |
|-----|----|-----|----|
| M20 | 12 | M12 | 38 |
| M63 | 2 | M40 | 3 |
| M32 | 3 | M25 | 8 |
| M50 | 2 | M16 | 21 |

Certificate numbers enclosure

| | |
|---|------------------------------|
| Declaration of Conformity No. (DoC LVD) | DE PS2420 220224 003ISS00 |
|---|------------------------------|

General information

| | | | |
|-----------------------------|-------------------------------|-----------------------------|---|
| Material thickness | 3.5 mm | Operating temperature, max. | 130 °C |
| Operating temperature, min. | -50 °C | Lid attachment | 4 polyamide crosshead screws |
| Surface finish | untreated | Impact resistance | IK08 |
| Protection degree | IP66, IP67 | Basic material | Polycarbonate |
| Seal material | Polyurethane | Torque for lid screws | 0.8 Nm |
| Integral fixing | thanks to self-tapping screws | Enclosure attachment | Holes 7.5 mm |
| Number of lid screws | 4 | Access opening: width | 296.5 mm |
| Flange plate | No | Lid | Yes |
| Access opening: height | 196.5 mm | Areas of use | Building systems and technology, Transportation, Packaging industry, Machine construction |

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Technical data

horizontal assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 1x20 | WDU 16 / ZDU 16 | 1x17 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x40 | WDU 35 / ZDU 35 | 1x12 |
| WDU 4 / ZDU 4 | 1x33 | WDU 6 / ZDU 6 | 1x25 |

vertical assembly

| | | | |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10 | 2x10 | WDU 16 / ZDU 16 | 2x8 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 2x20 | WDU 35 / ZDU 35 | 2x6 |
| WDU 4 / ZDU 4 | 2x17 | WDU 6 / ZDU 6 | 2x13 |

Classifications

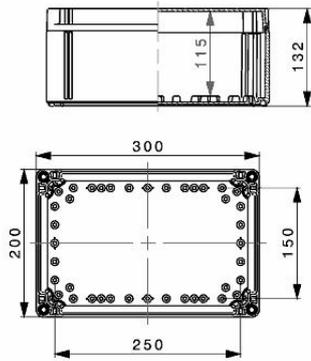
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000261 | ETIM 9.0 | EC000261 |
| ETIM 10.0 | EC000261 | ECLASS 14.0 | 27-18-01-01 |
| ECLASS 15.0 | 27-18-01-01 | | |

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Drawings

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Accessories

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 ST | |
| 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 ST | |

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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Klippon® POK earthing stud



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 | 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 |
| 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) |

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

Hinge



MPC series, hinges, set of 2

General ordering data

| | | |
|------------|----------------------------|---|
| Type | HG FPC | Version |
| Order No. | 9535990000 | FPC (polycarbonate empty enclosure), External joint, Hinge, Height: |
| GTIN (EAN) | 4032248009701 | 40 mm, Width: 50 mm, Depth: 16.5 mm, Basic material: Plastic, Light |
| Qty. | 1 ST | Grey |

External fixing lugs



External attachment lugs 4-part set

General ordering data

| | | |
|------------|----------------------------|--|
| Type | MF FPC | Version |
| Order No. | 9536040000 | FPC (polycarbonate empty enclosure), Mounting foot, Fixing lugs, |
| GTIN (EAN) | 4032248009442 | Height: 40 mm, Width: 19 mm, Depth: 35.5 mm, Basic material: |
| Qty. | 1 ST | Polyamide, Polyamide 66, Light Grey |

FPC



Mounting plates, 1.5 mm sheet steel, galvanised

General ordering data

| | | |
|------------|----------------------------|---|
| Type | MP FPC 20/30 | Version |
| Order No. | 9535930000 | FPC (polycarbonate empty enclosure), Mounting plate, Mounting |
| GTIN (EAN) | 4032248009657 | plate, Height: 200 mm, Width: 300 mm, Depth: 1.5 mm, Basic |
| Qty. | 1 ST | material: Sheet steel, galvanized, silver |

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Accessories

TS 35

Accessories



General ordering data

| | | |
|------------|----------------------------|--|
| Type | TS35X7.5 ST FPC 20 VER | Version |
| Order No. | 8000037558 | Rail, TS 35, TS 35 x 7.5, Width: 165 mm, with slot, without slot, Steel, |
| GTIN (EAN) | 4050118653229 | galvanized, chromium-plated |
| Qty. | 20 ST | |

| | | |
|------------|----------------------------|--|
| Type | TS35X7.5 ST FPC 30 HOR | Version |
| Order No. | 8000037559 | Rail, TS 35, TS 35 x 7.5, Width: 265 mm, with slot, without slot, Steel, |
| GTIN (EAN) | 4050118653236 | galvanized, chromium-plated |
| Qty. | 20 ST | |

TS 15

Accessories



General ordering data

| | | |
|------------|----------------------------|--|
| Type | TS15X5 ST FPC 20 VER | Version |
| Order No. | 8000037604 | Rail, TS 15, Width: 235 mm, without slot, Steel, galvanized, |
| GTIN (EAN) | 4050118653168 | chromium-plated |
| Qty. | 20 ST | |