

MPC 12/12/07 7035**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Small and medium-sized polycarbonate enclosures

The polycarbonate enclosures of the MPC series are ideal for building into electrical, electromechanical and pneumatic devices as well as PCBs. The enclosures are used in situations with extreme mechanical and chemical conditions.

Features:

- 17 sizes in 2 versions
- Grey or transparent cover
- Cover with lead-seal holes
- Mounting holes outside the seal area
- Receptacle threads for rail mounting, mounting plates and circuit board
- Comprehensive accessories
- Weidmüller can manufacture and supply the enclosure to match customer specifications, fitted with all necessary terminals and cable glands.

General ordering data

| | |
|------------|---|
| Version | MPC (polycarbonate empty enclosure), Empty enclosure, Height: 125 mm, Width: 125 mm, Depth: 75 mm, Material: Polycarbonate, untreated, Light Grey |
| Order No. | 9535230000 |
| Type | MPC 12/12/07 7035 |
| GTIN (EAN) | 4032248009169 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|--------|-----------------|------------|
| Depth | 75 mm | Depth (inches) | 2.953 inch |
| Height | 125 mm | Height (inches) | 4.921 inch |
| Width | 125 mm | Width (inches) | 4.921 inch |
| Net weight | 295 g | | |

Temperatures

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

Cable glands, right

| | | | |
|-----|---|-----|---|
| M12 | 4 | M16 | 3 |
| M20 | 3 | | |

Cable glands, top/bottom

| | | | |
|-----|---|-----|---|
| M12 | 4 | M16 | 3 |
| M20 | 3 | | |

General information

| | | | |
|-----------------------------|---|-----------------------------|-------------------------------|
| Access opening: height | 121.5 mm | Access opening: width | 121.5 mm |
| Areas of use | Building systems and technology, Transportation, Packaging industry, Machine construction | Enclosure attachment | |
| Flange plate | No | Impact resistance | Holes 4.5 mm IK08 |
| Installation advice | Screw mounting | Integral fixing | thanks to self-tapping screws |
| Lid | Yes | Lid attachment | 4 polyamide crosshead screws |
| Material | Polycarbonate | Material thickness | 3.5 mm |
| Number of lid screws | 4 | Operating temperature, max. | 130 °C |
| Operating temperature, min. | -50 °C | Protection degree | IP66, IP67 |
| Seal material | Polyurethane | Surface finish | untreated |
| Torque for lid screws | 0.8 Nm | | |

horizontal assembly

| | | | |
|-----------------|------|-----------------------------|------|
| WDU 10 / ZDU 10 | 1x6 | WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x13 |
| WDU 4 / ZDU 4 | 1x11 | WDU 6 / ZDU 6 | 1x8 |

vertical assembly

| | | | |
|-----------------|------|-----------------------------|------|
| WDU 10 / ZDU 10 | 1x6 | WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x13 |
| WDU 4 / ZDU 4 | 1x11 | WDU 6 / ZDU 6 | 1x8 |

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 |

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Technical data

Approvals

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

Downloads

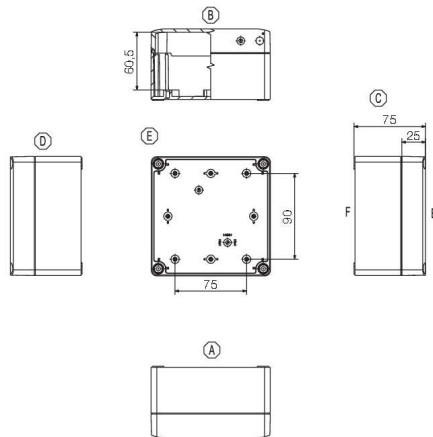
| | |
|---|--|
| Approval/Certificate/Document of Conformity | EU Declaration of Conformity - MPC Empty Enclosures - DoC DE PS2420 201008 001ISS00 EU Declaration of Conformity - Klippon K Terminal Box - DoC DE PS270X 160308 002ISS03 |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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Drawings



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www.weidmueller.com**Accessories****MPC**

Mounting plates, 1.5 mm sheet steel, galvanised

**General ordering data**

| | | |
|------------|----------------------------|---|
| Type | MP MPC 12/12 | Version |
| Order No. | 9535550000 | MPC (polycarbonate empty enclosure), Mounting plate, Mounting |
| GTIN (EAN) | 4032248009275 | plate, Height: 125 mm, Width: 125 mm, Material: Sheet steel, |
| Qty. | 10 pc(s). | galvanized, galvanized |

Screws

Depending on the terminal block or also accessories, we offer different types of screws as additional items or also spare parts.

**General ordering data**

| | | |
|------------|----------------------------|---|
| Type | FKSC M4X6 D8/SW2 | Version |
| Order No. | 1567480000 | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190033491 | |
| Qty. | 100 pc(s). | |

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www.weidmueller.com**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 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). | |
| 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). | |

Hinge

MPC series, hinges, set of 2

**General ordering data**

| | | |
|------------|----------------------------|---|
| Type | HG MPC | Version |
| Order No. | 9535590000 | MPC (polycarbonate empty enclosure), External joint, Hinge, Material: |
| GTIN (EAN) | 4032248009329 | Plastic |
| Qty. | 1 pc(s). | |

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Accessories

Earthing stud

Accessories



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 pc(s). | 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 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 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 |

TS 15

Accessories



General ordering data

| | | |
|------------|----------------------------|---|
| Type | TS15X5 ST MPC1217 VER | Version |
| Order No. | 8000037598 | Rail, TS 15, Width: 4.13 mm, without slot, Steel, galvanized, |
| GTIN (EAN) | 4050118653106 | chromium-plated |
| Qty. | 20 pc(s). | |

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Accessories**External fixing lugs**

External attachment lugs 4-part set

**General ordering data**

| Type | MF MPC | Version |
|------------|---------------------------|--|
| Order No. | 953560000 | MPC (polycarbonate empty enclosure), Mounting foot, Fixing lugs, |
| GTIN (EAN) | 4032248009381 | Height: 30 mm, Width: 15 mm, Depth: 10 mm, Material: Plastic |
| Qty. | 1 pc(s). | |

Fixing Material

Accessories

**General ordering data**

| Type | SC MPC | Version |
|------------|---------------------------|--|
| Order No. | 953564000 | MPC (polycarbonate empty enclosure), Mounting screw, Screws, |
| GTIN (EAN) | 4032248009428 | Height: 12.5 mm, Width: 7 mm, Depth: 12.5 mm, Material: Steel, |
| Qty. | 100 pc(s). | galvanised |