

**MPC 12/17/12 7035****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 175 mm, Depth: 125 mm, Material: Polycarbonate, untreated, Light Grey |
| Order No.  | <a href="#">9535330000</a>   |
| Type       | MPC 12/17/12 7035  |
| GTIN (EAN) | 4032248009220  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Depth      | 125 mm | Depth (inches)  | 4.921 inch |
| Height     | 125 mm | Height (inches) | 4.921 inch |
| Width      | 175 mm | Width (inches)  | 6.89 inch  |
| Net weight | 523 g  |                 |            |

## Temperatures

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

## Cable glands, right

|     |   |     |   |
|-----|---|-----|---|
| M12 | 6 | M16 | 4 |
| M20 | 4 |     |   |

## Cable glands, top/bottom

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

## General information

|                             |   |                             |                               |
|-----------------------------|---|-----------------------------|-------------------------------|
| Access opening: height      | 121.5 mm  | Access opening: width       | 171.5 mm                      |
| Areas of use                | Building systems and technology, Transportation, Packaging industry, Machine construction | Enclosure attachment        |                               |
| Flange plate                | No  | Impact resistance           | Holes 4.5 mm<br>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             | 1x11 | WDU 16 / ZDU 16 | 1x5  |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x22 | WDU 35 / ZDU 35 | 1x4  |
| WDU 4 / ZDU 4               | 1x19 | WDU 6 / ZDU 6   | 1x14 |

## vertical assembly

|                             |      |                 |     |
|-----------------------------|------|-----------------|-----|
| WDU 10 / ZDU 10             | 1x6  | WDU 16 / ZDU 16 | 1x5 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x13 | WDU 35 / ZDU 35 | 1x4 |
| WDU 4 / ZDU 4               | 1x11 | WDU 6 / ZDU 6   | 1x8 |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| 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 /

**Approvals**

ROHS Conform

**Downloads**

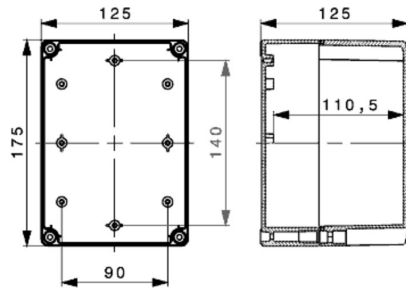
|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">EU Declaration of Conformity - MPC Empty Enclosures - DoC DE PS2420 201008 001ISS00</a><br><a href="#">EU Declaration of Conformity - Klippon K Terminal Box - DoC DE PS270X 160308 002ISS03</a> |
| Engineering Data         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

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Hinge**

MPC series, hinges, set of 2

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | HG MPC                     | Version   |
| Order No.  | <a href="#">9535590000</a> | MPC (polycarbonate empty enclosure), External joint, Hinge, Material: |
| GTIN (EAN) | 4032248009329              | Plastic   |
| Qty.       | 1 pc(s).                   |   |

**Fixing Material**

Accessories

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | SC MPC                     | Version  |
| Order No.  | <a href="#">9535640000</a> | 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   |

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## Accessories

## 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 M10 S4 SET            | Version   |
| Order No.  | <a href="#">1283440000</a> | 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.  | <a href="#">1277250000</a> | 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 M10 BR SET            | Version   |
| Order No.  | <a href="#">1277220000</a> | 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.  | <a href="#">1283430000</a> | 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)                       |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****TS 15**

## Accessories

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | TS15X5 ST MPC1217 VER      | Version   |
| Order No.  | <a href="#">8000037598</a> | Rail, TS 15, Width: 4.13 mm, without slot, Steel, galvanized, |
| GTIN (EAN) | 4050118653106              | chromium-plated   |
| 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.  | <a href="#">1868570000</a> | DAE (ventilation element), Compensating element, straight, M 12, 10 |
| GTIN (EAN) | 4032248440429              | mm, IP66, IP68, IP69K, Polyamide 6                                  |
| Qty.       | 10 pc(s).                  |   |
| Type       | DAE M12 SS                 | Version   |
| Order No.  | <a href="#">1868550000</a> | 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).                  |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****TS 35**

## Accessories

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | TS35X7.5 ST MPC1725 VER    | Version   |
| Order No.  | <a href="#">8000037600</a> | Rail, TS 35, TS 35 x 7.5, Width: 90 mm, without slot, Steel, galvanic |
| GTIN (EAN) | 4050118653120              | zinc plated and passivated  |
| Qty.       | 20 pc(s).                  |   |

**MPC**

## Mounting plates, 1.5 mm sheet steel, galvanised

**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | MP MPC 12/17               | Version   |
| Order No.  | <a href="#">9535560000</a> | MPC (polycarbonate empty enclosure), Mounting plate, Mounting |
| GTIN (EAN) | 4032248009299              | plate, Height: 125 mm, Width: 175 mm, Material: Sheet steel,  |
| Qty.       | 1 pc(s).                   | galvanized, galvanized  |



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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****External fixing lugs**

External attachment lugs 4-part set

**General ordering data**

|            |                           |  |
|------------|---------------------------|--|
| Type       | MF MPC                    | Version  |
| Order No.  | <a href="#">953560000</a> | 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).                  |  |

**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.  | <a href="#">1567480000</a> | SAK Series, Allen hex screw, Screws, Number of poles: 1 |
| GTIN (EAN) | 4008190033491              |   |
| Qty.       | 100 pc(s).                 |   |