

**FPC 30/40/13 TRSP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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: 300 mm, Width: 400 mm, Depth: 132 mm, Basic material: Polycarbonate, untreated, Light Grey, Transparent |
| Order No.  | <a href="#">9535760000</a>                                                                                                                                            |
| Type       | FPC 30/40/13 TRSP                                                                                                                                                     |
| GTIN (EAN) | 4032248007158                                                                                                                                                         |
| Qty.       | 1 items                                                                                                                                                               |

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## Technical data

## Approvals

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

## Dimensions and weights

|            |           |                 |             |
|------------|-----------|-----------------|-------------|
| Depth      | 132 mm    | Depth (inches)  | 5.1968 inch |
| Height     | 300 mm    | Height (inches) | 11.811 inch |
| Width      | 400 mm    | Width (inches)  | 15.748 inch |
| Net weight | 2299.44 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 | 8  | M63 | 2  |
| M16 | 21 | M40 | 3  |
| M50 | 2  | M32 | 3  |
| M20 | 12 | M12 | 38 |

## Cable glands, top/bottom

|     |    |     |    |
|-----|----|-----|----|
| M20 | 18 | M12 | 56 |
| M63 | 3  | M40 | 4  |
| M32 | 5  | M25 | 12 |
| M50 | 4  | M16 | 30 |

## Certificate numbers enclosure

|                                         |                              |
|-----------------------------------------|------------------------------|
| Declaration of Conformity No. (DoC LVD) | DE PS2420 220224<br>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       | 396.5 mm                                                                                  |
| Flange plate                | No                            | Lid                         | Yes                                                                                       |
| Access opening: height      | 296.5 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             | 1x30 | WDU 16 / ZDU 16 | 1x25 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 1x59 | WDU 35 / ZDU 35 | 1x19 |
| WDU 4 / ZDU 4               | 1x49 | WDU 6 / ZDU 6   | 1x37 |

## vertical assembly

|                             |      |                 |      |
|-----------------------------|------|-----------------|------|
| WDU 10 / ZDU 10             | 3x20 | WDU 16 / ZDU 16 | 3x17 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x40 | WDU 35 / ZDU 35 | 3x12 |
| WDU 4 / ZDU 4               | 3x33 | WDU 6 / ZDU 6   | 3x25 |

## 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 |             |             |

## FPC 30/40/13 TRSP

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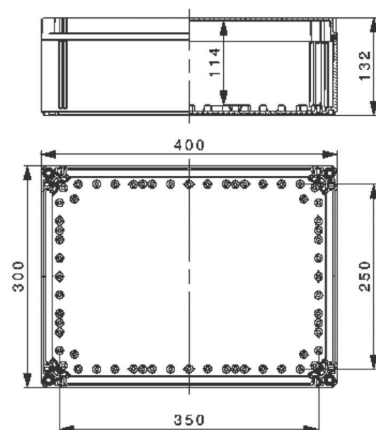
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## Drawings



## FPC 30/40/13 TRSP

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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.  | <a href="#">1868570000</a> | 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.  | <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 ST                      |                                                                     |

## Earthing stud



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

## General ordering data

|            |                            |                                                               |
|------------|----------------------------|---------------------------------------------------------------|
| 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 ST                       | Basic material: Stainless steel 1.4404 (316L)                 |

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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 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 ST                       | Basic material: Brass                                         |

## Earthing stud

## Accessories



## 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 ST                       | Basic material: Stainless steel 1.4404 (316L)               |

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- 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 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 ST                       | Basic material: Brass                                       |

## Hinge

MPC series, hinges, set of 2



## General ordering data

|            |                            |                                                                     |
|------------|----------------------------|---------------------------------------------------------------------|
| Type       | HG FPC                     | Version                                                             |
| Order No.  | <a href="#">9535990000</a> | 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                                                                |

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**Accessories**
**External fixing lugs**

External attachment lugs 4-part set


**General ordering data**

| Type       | MF FPC                     | Version                                                          |  |
|------------|----------------------------|------------------------------------------------------------------|--|
| Order No.  | <a href="#">9536040000</a> | 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 30/40               | Version                                                       |  |
|------------|----------------------------|---------------------------------------------------------------|--|
| Order No.  | <a href="#">9535960000</a> | FPC (polycarbonate empty enclosure), Mounting plate, Mounting |  |
| GTIN (EAN) | 4032248009688              | plate, Height: 260 mm, Width: 360 mm, Depth: 1.5 mm, Basic    |  |
| Qty.       | 1 ST                       | material: Sheet steel, galvanized, silver                     |  |

**TS 35**

Accessories


**General ordering data**

| Type       | TS35X7.5 ST FPC 30 VER     | Version                                                                  |  |
|------------|----------------------------|--------------------------------------------------------------------------|--|
| Order No.  | <a href="#">8000037561</a> | Rail, TS 35, TS 35 x 7.5, Width: 265 mm, with slot, without slot, Steel, |  |
| GTIN (EAN) | 4050118653250              | galvanized, chromium-plated                                              |  |
| Qty.       | 20 ST                      |                                                                          |  |



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## Accessories

|            |                            |                                                                          |
|------------|----------------------------|--------------------------------------------------------------------------|
| Type       | TS35X7.5 ST FPC 40 HOR     | Version                                                                  |
| Order No.  | <a href="#">8000037560</a> | Rail, TS 35, TS 35 x 7.5, Width: 365 mm, with slot, without slot, Steel, |
| GTIN (EAN) | 4050118653243              | galvanized, chromium-plated                                              |
| Qty.       | 20 ST                      |                                                                          |