

FPC (polycarbonate empty enclosure) FPC 20/40/13 7035

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com



Medium-sized polycarbonate housings The FPC series of housings 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 housings to match customer specifications, fitted with all necessary terminals and cable glands.

General ordering data

| | |
|------------|---|
| Type | FPC 20/40/13 7035 |
| Order No. | 9535730000 |
| Version | FPC (polycarbonate empty enclosure), Empty enclosure, Height: 200 mm, Width: 400 mm, Depth: 132 mm, Material: Polycarbonate, Light Grey |
| GTIN (EAN) | 403224800983 1 |
| Qty. | 1 pc(s). |

**FPC (polycarbonate empty enclosure)
FPC 20/40/13 7035**

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Technical data**Dimensions and weights**

| | | | |
|--------|---------|-----------------|-------------|
| Width | 400 mm | Width (inches) | 15.748 inch |
| Height | 200 mm | Height (inches) | 7.874 inch |
| Depth | 132 mm | Depth (inches) | 5.197 inch |
| Weight | 1,674 g | Net weight | 2,000 g |

Cable glands, right

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

Cable glands, top/bottom

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

General information

| | | | |
|-----------------------------|---|-----------------------------|-------------------------------|
| Areas of use | Building systems and technology, Transportation, Packaging industry, Machine construction | Torque for lid screws | 0.8 Nm |
| Material | Polycarbonate | Seal material | Polyurethane |
| Operating temperature, min. | -50 °C | Operating temperature, max. | 130 °C |
| Protection degree | IP66, IP67 | Enclosure attachment | Holes 7.5 mm |
| Lid attachment | 4 polyamide crosshead screws | Integral fixing | thanks to self-tapping screws |

General information on accessories

| | |
|----------|---------------|
| Material | Polycarbonate |
|----------|---------------|

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 | 3x10 | WDU 16 / ZDU 16 | 3x8 |
| WDU 2,5 / ZDU 2,5 / IDU 2,5 | 3x20 | WDU 35 / ZDU 35 | 3x6 |
| WDU 4 / ZDU 4 | 3x17 | WDU 6 / ZDU 6 | 3x13 |

Classifications

| | | | |
|-------------|-------------|------------|-------------|
| ETIM 6.0 | EC000261 | ETIM 7.0 | EC000261 |
| eClass 9.0 | 27-18-01-01 | eClass 9.1 | 27-18-92-90 |
| eClass 10.0 | 27-18-01-01 | UNSPSC | 31-26-15-02 |

Data sheet**FPC (polycarbonate empty enclosure)
FPC 20/40/13 7035****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

Downloads

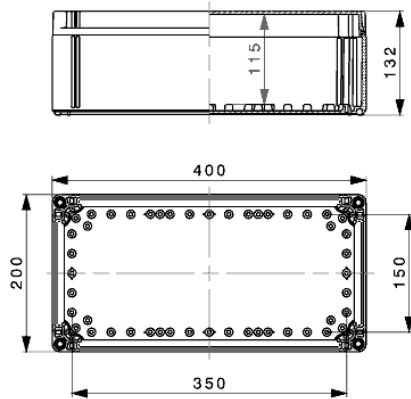
| | |
|--------------------|-------------------------------------|
| Brochure/Catalogue | CAT 5 ENCL 17/18 EN |
| Engineering Data | EPLAN_WSCAD |
| Engineering Data | STEP |

Data sheet

**FPC (polycarbonate empty enclosure)
FPC 20/40/13 7035**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Drawings



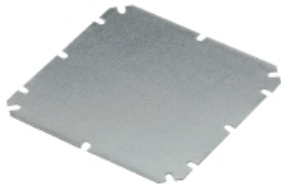
**FPC (polycarbonate empty enclosure)
FPC 20/40/13 7035**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories

Mounting plates

Mounting plates, 1.5 mm sheet steel, galvanised



General ordering data

| Type | MP FPC 20/40 | Version |
|------------|----------------------------|--|
| Order No. | 9535940000 | FPC (polycarbonate empty enclosure), Mounting plate, Mounting |
| GTIN (EAN) | 4032248009664 | plate, Height: 160 mm, Width: 360 mm, Depth: 1.5 mm, Material: |
| Qty. | 1 pc(s). | Sheet steel, galvanized, silver |

Hinge

Hinges, set of 2



General ordering data

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

**FPC (polycarbonate empty enclosure)
FPC 20/40/13 7035**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories
TS 15

Accessories


General ordering data

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

Klippon® POK earthing stud

Integrate, expand and customise - the perfect supplement to every application

The consistent structure of system accessories for the Klippon® POK enclosure range allows you to easily adapt the enclosure to meet the specific requirements of every application.

The range includes:

- Mounting plates
- Earthing plates
- Mounting feet

Our assembly service includes the delivery of the enclosure ready to be connected and suitable for every application.

General ordering data

| Type | PEBZ M10 S4 SET | Version |
|------------|----------------------------|--|
| Order No. | 1283440000 | Klippon POK (polyester empty enclosure), Earthing stud, Miscellaneous, Material: Stainless steel 1.4404 (316L) |
| GTIN (EAN) | 4050118073362 | |
| Qty. | 1 pc(s). | |
| Type | PEBZ M6 S4 SET | Version |
| Order No. | 1283430000 | Klippon POK (polyester empty enclosure), Earthing stud, Miscellaneous, Material: Stainless steel 1.4404 (316L) |
| GTIN (EAN) | 4050118073607 | |
| Qty. | 1 pc(s). | |
| Type | PEBZ M6 BR SET | Version |
| Order No. | 1277250000 | Klippon POK (polyester empty enclosure), Earthing stud, Miscellaneous, Material: Brass |
| GTIN (EAN) | 4050118067149 | |
| Qty. | 1 pc(s). | |

FPC (polycarbonate empty enclosure) FPC 20/40/13 7035

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories

| | | |
|------------|----------------------------|---|
| Type | PEBZ M10 BR SET | Version |
| Order No. | 1277220000 | Klippon POK (polyester empty enclosure), Earthing stud, |
| GTIN (EAN) | 4050118067019 | Miscellaneous, Material: Brass |
| Qty. | 1 pc(s). | |

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, Steel, galvanized, chromium-plated |
| GTIN (EAN) | 4050118653229 | |
| Qty. | 20 pc(s). | |

| | | |
|------------|----------------------------|--|
| Type | TS35X7.5 ST FPC 40 HOR | Version |
| Order No. | 8000037560 | Rail, TS 35, TS 35 x 7.5, Steel, galvanized, chromium-plated |
| GTIN (EAN) | 4050118653243 | |
| Qty. | 20 pc(s). | |

Compensating Element

Pressure-compensation elements ensure good ventilation of the enclosure and prevent the build-up of condensation while maintaining the appropriate IP class of protection.



General ordering data

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

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

Data sheet**FPC (polycarbonate empty enclosure)
FPC 20/40/13 7035**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

Accessories**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, Material: Polyamide, |
| Qty. | 1 pc(s). | Light Grey |