

## FPC 20/30/13 7035

**Weidmüller Interface GmbH & Co. KG**

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Germany

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### 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
Order No.	<a href="#">9535710000</a>
Type	FPC 20/30/13 7035
GTIN (EAN)	4032248009824
Qty.	1 items

## Technical data

## Approvals

ROHS	Conform
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## 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	1471 g		

## Temperatures

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

## Technical data

### horizontal assembly

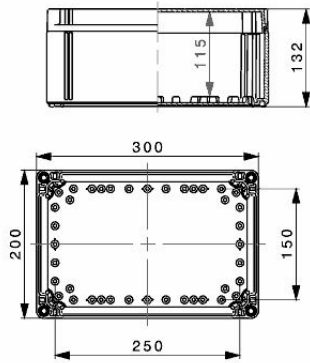
Number of DIN rails and terminals (10 mm <sup>2</sup> , horizontal)	1x20	WDU 16 / ZDU 16	1x17
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x40	WDU 35 / ZDU 35	1x12
WDU 4 / ZDU 4	1x33	WDU 6 / ZDU 6	1x25

### 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		



## 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 mm, IP66, IP68, IP69K, Polyamide 6
GTIN (EAN)	4032248440429	
Qty.	10 ST	
Type	DAE M12 SS	Version
Order No.	<a href="#">1868550000</a>	DAE (ventilation element), Compensating element, straight, M 12, 10 mm, IP66, IP68, IP69K, Stainless steel 1.4305 (303)
GTIN (EAN)	4032248440405	
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, Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm, Basic material: Stainless steel 1.4404 (316L)
GTIN (EAN)	4050118073607	
Qty.	1 ST	
Type	PEBZ M6 BR SET	Version
Order No.	<a href="#">1277250000</a>	Klippon POK (polyester empty enclosure), Earthing stud, Miscellaneous, Height: 12.3 mm, Width: 12.3 mm, Depth: 42 mm, Basic material: Brass
GTIN (EAN)	4050118067149	
Qty.	1 ST	
Type	PEBZ M10 S4 SET	Version
Order No.	<a href="#">1283440000</a>	Klippon POK (polyester empty enclosure), Earthing stud, Miscellaneous, Height: 21 mm, Width: 21 mm, Depth: 48.7 mm, Basic material: Stainless steel 1.4404 (316L)
GTIN (EAN)	4050118073362	
Qty.	1 ST	

### 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 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 20/30	Version
Order No.	<a href="#">9535930000</a>	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

**TS 35**

Accessories



**General ordering data**

Type	TS35X7.5 ST FPC 20 VER	Version
Order No.	<a href="#">8000037558</a>	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	

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**Accessories**

Type	TS35X7.5 ST FPC 30 HOR	Version
Order No.	<a href="#">8000037559</a>	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.	<a href="#">8000037604</a>	Rail, TS 15, Width: 235 mm, without slot, Steel, galvanized,
GTIN (EAN)	4050118653168	chromium-plated
Qty.	20 ST	