

## FPC 20/40/13 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: 200 mm, Width: 400 mm, Depth: 132 mm, Basic material: Polycarbonate, untreated, Light Grey, Transparent
Order No.	<a href="#">9535720000</a>
Type	FPC 20/40/13 TRSP
GTIN (EAN)	4032248007141
Qty.	1 items

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## 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	400 mm	Width (inches)	15.748 inch
Net weight	1984 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	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 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	396.5 mm
Flange plate	No	Lid	Yes
Access opening: height	196.5 mm	Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction

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**Technical data**

**horizontal assembly**

Number of DIN rails and terminals (10 mm <sup>2</sup> , horizontal)	1x30	Number of DIN rails and terminals (16 mm <sup>2</sup> , horizontal)	1x25
Number of DIN rails and terminals (2.5 mm <sup>2</sup> , horizontal)	1x59	Number of DIN rails and terminals (35 mm <sup>2</sup> , horizontal)	1x19
Number of DIN rails and terminals (4 mm <sup>2</sup> , horizontal)	1x49	Number of DIN rails and terminals (6 mm <sup>2</sup> , horizontal)	1x37

**vertical assembly**

Number of DIN rails and terminals (10 mm <sup>2</sup> , vertical)	3x10	Number of DIN rails and terminals (16 mm <sup>2</sup> , vertical)	3x8
Number of DIN rails and terminals (2.5 mm <sup>2</sup> , vertical)	3x20	Number of DIN rails and terminals (35 mm <sup>2</sup> , vertical)	3x6
Number of DIN rails and terminals (4 mm <sup>2</sup> , vertical)	3x17	Number of DIN rails and terminals (6 mm <sup>2</sup> , vertical)	3x13

**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		

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**Drawings**

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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)
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

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## Accessories

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

## Earthing stud

## Accessories



## 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

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**Accessories**

**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

**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 20/40	Version
Order No.	<a href="#">9535940000</a>	FPC (polycarbonate empty enclosure), Mounting plate, Mounting
GTIN (EAN)	4032248009664	plate, Height: 160 mm, Width: 360 mm, Depth: 1.5 mm, Basic
Qty.	1 ST	material: Sheet steel, galvanized, silver

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**Accessories**

**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	

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	

**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	