

**FPC 20/40/13 TRSP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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

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## Technical data

## Dimensions and weights

Depth	132 mm	Depth (inches)	5.197 inch
Height	200 mm	Height (inches)	7.874 inch
Width	400 mm	Width (inches)	15.748 inch
Net weight	1,984 g		

## Temperatures

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

Access opening: height	196.5 mm	Access opening: width	396.5 mm
Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction	Enclosure attachment	
Flange plate	No	Impact resistance	Holes 7.5 mm IK08
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	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

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Classifications**

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**

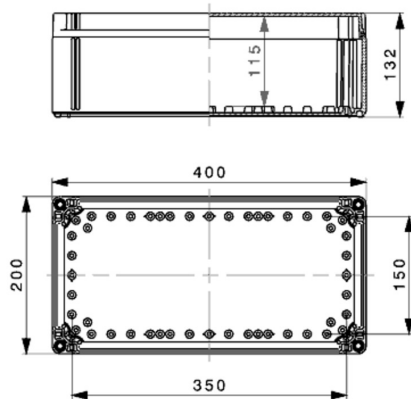
Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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## Drawings



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

## Accessories

**General ordering data**

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 pc(s).	
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 pc(s).	

**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, chromium-
GTIN (EAN)	4050118653168	plated
Qty.	20 pc(s).	

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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 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)
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 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)

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

**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****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: 40
GTIN (EAN)	4032248009701	mm, Width: 50 mm, Depth: 16.5 mm, Material: Plastic, Light Grey
Qty.	1 pc(s).	

**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, Material:
Qty.	1 pc(s).	Sheet steel, galvanized, silver