Data sheet

FPC 20/40/13 7035

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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
Order No.	9535730000
Type	FPC 20/40/13 7035
GTIN (EAN)	4032248009831
Qty.	1 items

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Technical data

Approvals

ROHS	Conform

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	2000 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	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 Conformatiy No. (DoC LVD)	DE PS2420 220224 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	196.5 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	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

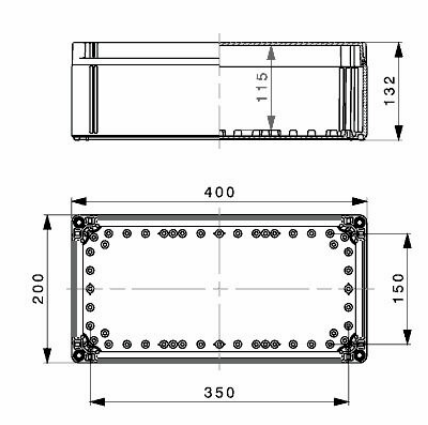
ETIM 8.0	EC000261	ETIM 9.0	EC000261
ETIM 10.0	EC000261	ECLASS 14.0	27-18-01-01
ECLASS 15.0	27-18-01-01		

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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.	1868570000	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.	1868550000	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

Accessories



General ordering data

Type	PEBZ M6 S4 SET	Version
Order No.	1283430000	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.	1277250000	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
Type	PEBZ M10 S4 SET	Version
Order No.	1283440000	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



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

General ordering data

Type	PEBZ M10 BR SET	Version
Order No.	1277220000	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.	9535990000	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.	9536040000	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.	9535940000	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

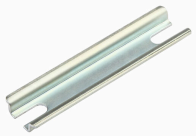


General ordering data

Type	TS35X7.5 ST FPC 20 VER	Version
Order No.	8000037558	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.	8000037560	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.	8000037604	Rail, TS 15, Width: 235 mm, without slot, Steel, galvanized,
GTIN (EAN)	4050118653168	chromium-plated
Qty.	20 ST	

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