

MPC 17/25/10 TRSP

Weidmüller Interface GmbH & Co. KG

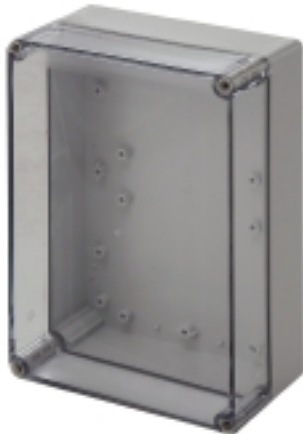
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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Small and medium-sized polycarbonate enclosures
The polycarbonate enclosures of the MPC series are ideal for building into electrical, electromechanical and pneumatic devices as well as PCBs. The enclosures are used in situations with extreme mechanical and chemical conditions.

Features:

- 17 sizes in 2 versions
- Grey or transparent cover
- Cover with lead-seal holes
- Mounting holes outside the seal area
- Receptacle threads for rail mounting, mounting plates and circuit board
- Comprehensive accessories
- Weidmüller can manufacture and supply the enclosure to match customer specifications, fitted with all necessary terminals and cable glands.

General ordering data

Version	MPC (polycarbonate empty enclosure), Empty enclosure, Height: 175 mm, Width: 250 mm, Depth: 100 mm, Material: Polycarbonate, Light Grey, Transparent
Order No.	9535480000
Type	MPC 17/25/10 TRSP
GTIN (EAN)	4032248016839
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Depth	100 mm	Depth (inches)	3.937 inch
Height	175 mm	Height (inches)	6.89 inch
Width	250 mm	Width (inches)	9.842 inch
Weight	743 g	Net weight	742 g

Temperatures

Operating temperature	-50 °C...130 °C
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Cable glands, right

M12	9	M16	7
M20	6		

Cable glands, top/bottom

M12	6	M16	4
M20	4		

General information

Access opening: height	171.5 mm	Access opening: width	246.5 mm
Areas of use	Building systems and technology, Transportation, Packaging industry, Machine construction	Enclosure attachment	Holes 4.5 mm
Flange plate	No	Halogen	No
Impact resistance	IK06	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	Torque for lid screws	0.8 Nm

horizontal assembly

WDU 10 / ZDU 10	1x19	WDU 16 / ZDU 16	1x9
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x37	WDU 35 / ZDU 35	1x7
WDU 4 / ZDU 4	1x31	WDU 6 / ZDU 6	1x23

vertical assembly

WDU 10 / ZDU 10	1x19	WDU 16 / ZDU 16	1x15
WDU 2,5 / ZDU 2,5 / IDU 2,5	1x37	WDU 35 / ZDU 35	1x11
WDU 4 / ZDU 4	1x31	WDU 6 / ZDU 6	1x23

Classifications

ETIM 6.0	EC000261	ETIM 7.0	EC000261
ETIM 8.0	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		

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Catalogue status 14.01.2022 / We reserve the right to make technical changes.

Data sheet**MPC 17/25/10 TRSP**

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Technical data**Approvals**

Approvals



ROHS

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Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
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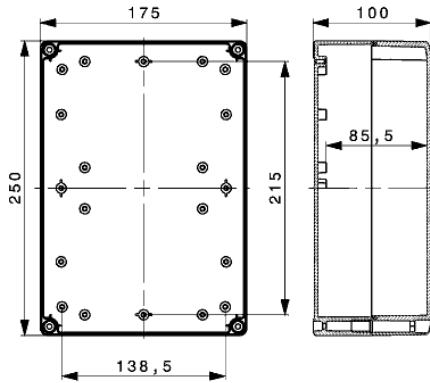
Data sheet

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Drawings



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Accessories

Fixing Material

Accessories



General ordering data

Type	SC MPC	Version
Order No.	9535640000	MPC (polycarbonate empty enclosure), Mounting screw, Screws,
GTIN (EAN)	4032248009428	Material: Steel, galvanised
Qty.	100 pc(s).	

Hinge

MPC series, hinges, set of 2



General ordering data

Type	HG MPC	Version
Order No.	9535590000	MPC (polycarbonate empty enclosure), External joint, Hinge, Material:
GTIN (EAN)	4032248009329	Plastic
Qty.	1 pc(s).	

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Accessories

Earthing stud

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



General ordering data

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

External fixing lugs

External attachment lugs 4-part set



General ordering data

Type	MF MPC	Version
Order No.	9535600000	MPC (polycarbonate empty enclosure), Mounting foot, Fixing lugs,
GTIN (EAN)	4032248009381	Material: Plastic
Qty.	1 pc(s).	

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Accessories

MPC

Mounting plates, 1.5 mm sheet steel, galvanised



General ordering data

Type	MP MPC 17/25	Version
Order No.	9535580000	MPC (polycarbonate empty enclosure), Mounting plate, Mounting plate, Material: Sheet steel, galvanized
GTIN (EAN)	4032248009312	
Qty.	1 pc(s).	

TS 35

Accessories



General ordering data

Type	TS35X7.5 ST MPC1725 VER	Version
Order No.	8000037600	Rail, TS 35, TS 35 x 7.5, Width: 90 mm, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4050118653120	
Qty.	20 pc(s).	
Type	TS35X7.5 ST MPC1725 HOR	Version
Order No.	8000037601	Rail, TS 35, TS 35 x 7.5, Width: 114 mm, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4050118653137	
Qty.	20 pc(s).	

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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, 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).	

Mouser Electronics

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