

Height/Width/Depth 190 / 190 / 100 mm

Ordering data

Stainless-steel-sheet (1.4404 316L)	Order No.
Polished Sheet	1002720000
Electropolished	1058850000
Sheet steel, Powder-coated (RAL 7032)	Order No.
Powder-coated paint	1025020000

Note The colours of painted enclosures may vary under certain circumstances.

Accessories

Sliding fixing nut with screw	Order No.
M5	0433500000
Socket wrench	Order No.
M10 socket wrench	9009070000

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x30
	4 mm ²	1x25
	6 mm ²	1x20
	10 mm ²	1x15
	16 mm ²	1x13

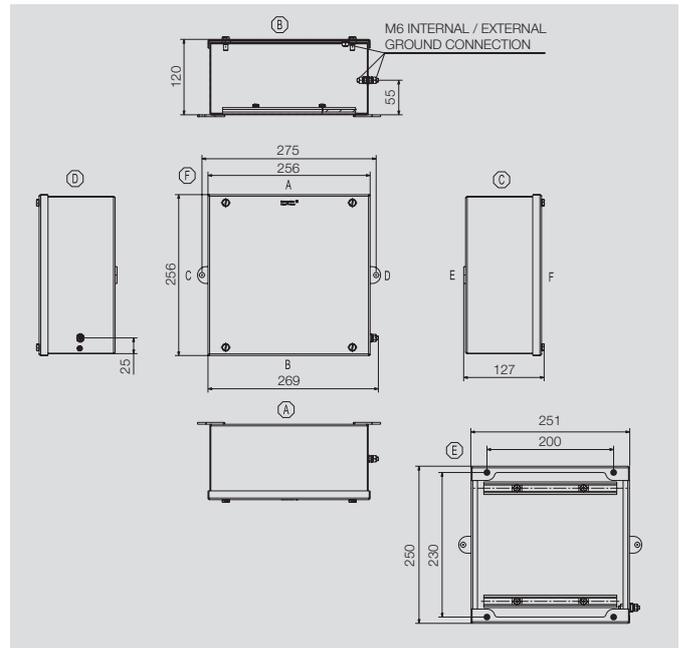
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Recommended order: TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
M12	21	21
M16	15	15
M20	10	8
M25	8	6
M32	3	3
M40	3	2
M50	2	1
M63	1	

Note

Note The enclosure is supplied with a set of sliding fixing nuts, washer, screws M5, to fix the mounting rail TS35 or TS32 into the C-Profile.



Height/Width/Depth 250 / 250 / 120 mm

Ordering data

Material	Order No.
Stainless-steel-sheet (1.4404 316L)	Polished Sheet 1002710000
	Electropolished 1058860000
Sheet steel, Powder-coated (RAL 7032)	Powder-coated paint 1025030000
Note	The colours of painted enclosures may vary under certain circumstances.

Accessories

Accessory	Order No.
Sliding fixing nut with screw	M5 0433500000
Socket wrench	M10 socket wrench 9009070000

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	2x42	2x42
4 mm ²	2x35	2x35
6 mm ²	2x27	2x27
10 mm ²	2x22	2x22
16 mm ²	2x18	2x18



Note
 The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
 Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

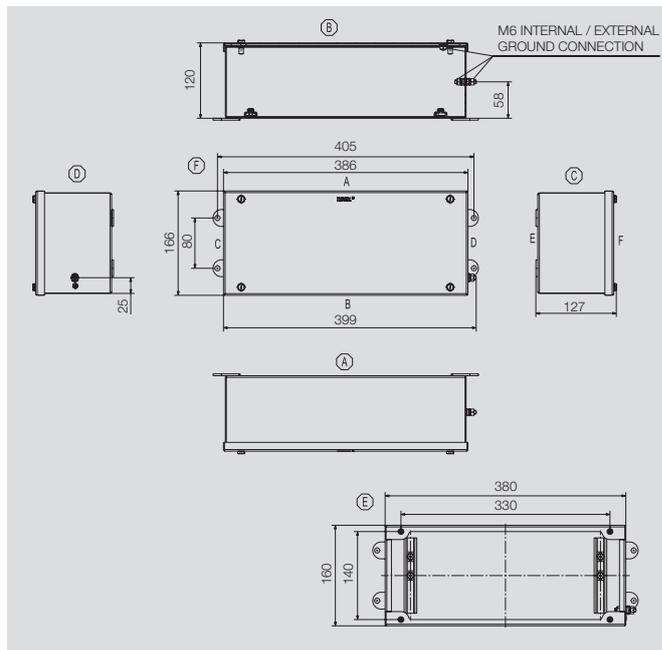
Number of cable entries

Number of cable entries	A / B	C / D
M12	32	32
M16	21	21
M20	12	12
M25	10	10
M32	8	8
M40	3	3
M50	2	2
M63	2	2



Note

Note The enclosure is supplied with a set of sliding fixing nuts, washer, screws M5, to fix the mounting rail TS35 or TS32 into the C-Profile.



Height/Width/Depth 160 / 380 / 120 mm

Ordering data

Stainless-steel-sheet (1.4404 316L)	Order No.
Polished Sheet	1002700000
Electropolished	1058880000
Sheet steel, Powder-coated (RAL 7032)	Order No.
Powder-coated paint	1025040000
Note	The colours of painted enclosures may vary under certain circumstances.

Accessories

Sliding fixing nut with screw	Order No.
 _____	M5 0433500000
Socket wrench	
 _____	M10 socket wrench 9009070000

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ² 3x25	1x68
	4 mm ² 3x21	1x57
	6 mm ² 3x16	1x44
	10 mm ² 3x12	1x35
	16 mm ² 3x10	1x29

Note
 The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Recommended order:
 TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000
 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000
 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
	M12 64	20
	M16 15	12
	M20 30	12
	M25 16	6
	M32 10	4
	M40 6	2
	M50 4	1
	M63 2	1

Note

Note The enclosure is supplied with a set of sliding fixing nuts, washer, screws M5, to fix the mounting rail TS35 or TS32 into the C-Profile.

Klippon® STB 6

Depth 130 mm



Height/Width/Depth 250 / 400 / 130 mm

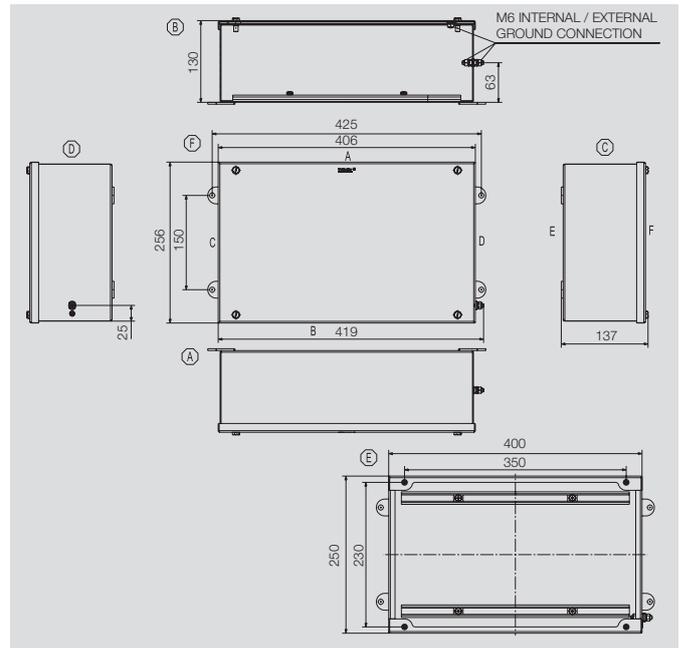
Ordering data

Stainless-steel-sheet (1.4404 316L)	Order No.
Polished Sheet	1002760000
Electropolished	1058870000
Sheet steel, Powder-coated (RAL 7032)	Order No.
Powder-coated paint	1025050000
Note	The colours of painted enclosures may vary under certain circumstances.

Accessories

Sliding fixing nut with screw	Order No.
 _____	M5 0433500000
Socket wrench	
 _____	M10 socket wrench 9009070000

Note The enclosure is supplied with a set of sliding fixing nuts, washer, screws M5, to fix the mounting rail TS35 or TS32 into the C-Profile.



Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ² 3x42	2x72
	4 mm ² 3x35	2x60
	6 mm ² 3x27	2x46
	10 mm ² 3x22	2x37
	16 mm ² 3x18	2x30

Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Recommended order: TS 35 mounting rail (screw terminal) WDU 2.5 1020000000 / (tension clamp terminal) ZDU 2.5 1608510000 TS 32 mounting rail (screw terminal) SAK 2.5 0279660000 TS 15 mounting rail (screw terminal) AKZ 2.5 0697160000

Number of cable entries

Number of cable entries	A / B	C / D
	M12 64	36
	M16 33	21
	M20 30	18
	M25 16	10
	M32 10	8
	M40 6	3
	M50 4	2
	M63 2	2

Note

Aluminium enclosures

Klippon® K series enclosures can be used in a variety of applications, e.g. for mounting terminals, switches, power supplies, operational and display elements or electronic modules.

The extensive Klippon® K enclosure range has the following advantages:

- More flexibility – 19 different sizes
- Available in two surface finishes – powder-coated and natural
- Mounting holes not within the sealed area
- Fastening thread to attach mounting rails and plates
- Closed moulded gasket (no glue seam)

Weidmüller can manufacture and supply this enclosure to match customer specifications and fitted with all necessary terminals and cable glands.



Overview of enclosures

Ordering data

Description	Dimensions	Powder-coated (RAL 7001)		Unpainted		
		Standard		Standard		Ex enclosure
		CR moulded seal	Silicone moulded seal*	CR moulded seal	Silicone moulded seal*	Silicone moulded seal
Klippon® K 0	45 x 50 x 30	9529090000	1937920000	0573200000	1939760000	9526810000
Klippon® K 01	64 x 58 x 34	9529100000	1937850000	1565240000	1939540000	9526820000
Klippon® K 02	64 x 98 x 34	9529110000	1937840000	1565250000	1939550000	9526830000
Klippon® K 1	70 x 70 x 45	9529120000	1937630000	0342000000	1939560000	9526840000
Klippon® K 11	802 x 75 x 57	9529130000	1937910000	0573300000	1939570000	9526850000
Klippon® K 2	70 x 100 x 45	9529140000	1937930000	0342100000	1939580000	9526860000
Klippon® K 21	80 x 125 x 57	9529150000	1937830000	0573400000	1939590000	9526870000
Klippon® K 3	70 x 165 x 45	9529160000	1937900000	0342200000	1939600000	9526880000
Klippon® K 31	80 x 175 x 57	9529170000	1937820000	0573500000	1939610000	9526890000
Klippon® K 32	80 x 250 x 55	9529180000	1937810000	1565260000	1939620000	9526900000
Klippon® K 4	82 x 130 x 72	9529190000	1937890000	0342300000	1939630000	9526910000
Klippon® K 41	120 x 122 x 81	9529200000	1937800000	1565270000	1939640000	9526920000
Klippon® K 5	130 x 170 x 90	9529210000	1937860000	0342400000	1939650000	9526930000
Klippon® K 51	120 x 220 x 81	9529220000	1937750000	1565280000	1939660000	9526940000
Klippon® K 52	160 x 160 x 91	9529230000	1937740000	1565290000	1939670000	9526950000
Klippon® K 6	160 x 200 x 100	9529240000	1937870000	0342500000	1939690000	9526960000
Klippon® K 61	160 x 260 x 91	9529250000	1937730000	0573600000	1939700000	9526970000
Klippon® K 7	160 x 350 x 100	9529260000	1937880000	0342600000	1939710000	9526980000
Klippon® K 71	230 x 280 x 111	9529270000	1937720000	0573700000	1939730000	9526990000

Note: * Delivery time on request

Technical Overview

Features

- Two surfaces: natural and powder-coated
 - High IP protection up to IP 68
 - Moulded silicone gasket for applications with high temperatures
 - A uniform Torx-slotted screw head is used for over 19 different enclosure sizes.
 - Alloy is resistant to salt water
 - Approved according to the latest international standards (e.g. ATEX, cULus, GOST)
- Note:** We deliver enclosures through our assembly service which are ready to be connected and suitable for every application

Technical data

	Ex	Standard
Enclosure material	High quality aluminium alloy (Al-Si12)	High quality aluminium alloy (Al-Si12)
Surface, untreated	Smooth	Smooth
Surface, painted		silver grey, textured, similar to RAL 7001
Painting		40 µm paint thickness
IP protection class	IP 66, IP 67	IP 66, IP 67 and IP 68*
Earthing outside	Earthing studs, M4	
Installation mounting	flexible DIN rail mounting	flexible DIN rail mounting
Enclosure mounting	Direct mounting with optional mounting brackets (from a size of 120 x 122 x 81 Klippon® K 41)	Direct mounting with optional mounting brackets (from a size of 120 x 122 x 81 Klippon® K 41)
Lid fixing	Captive stainless steel Torx 20 or slotted screws.	Captive stainless steel Torx 20 or slotted screws.
Impact resistance	7J	10J
Gasket material	Silicone (VMQ)	Chloroprene / Silicone (VMQ)
Temperature range	-50 °C...+135 °C	-40 °C...+80 °C with chloroprene gasket / -50 °C...+135 °C with silicone gasket
Lid screws, torque**	2.5 Nm	2.5 Nm

Note: * (t = 72 h; h = 1 m)

** To secure the lid we recommend the use of our Torx TH20 screwdriver (9009160000), see chapter G
Depending on the screw head size, our slotted screwdriver may also be used as an alternative

Approvals for empty enclosures

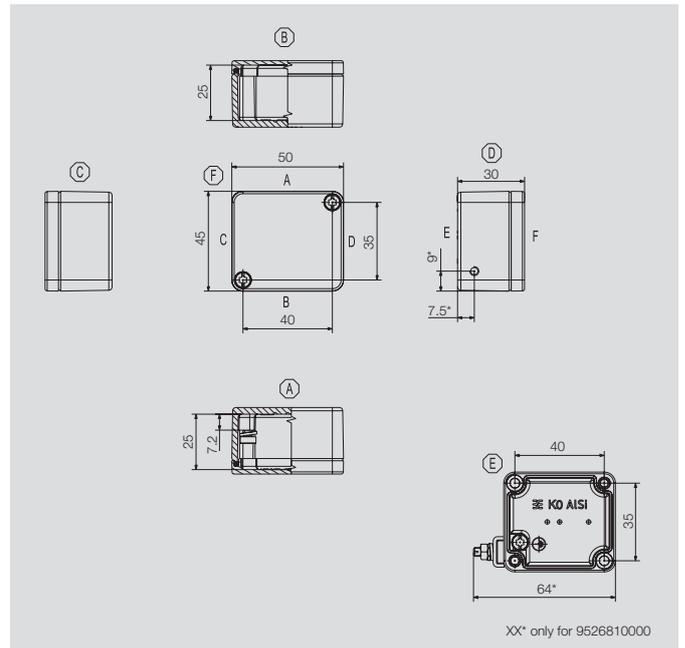
	Ex	Standard
ATEX certificate	KEMA 02ATEX2088 U	
ATEX marking	II 2 G Ex e II IP66/IP67	
IECEx certificate	Approvals are pending	
IECEx marking	Approvals are pending	
GOST Ex	POCC DE.ME92.B00362	
GOST	POCC DE.ME25.B01450	POCC DE.ME25.B01450
cULus		E 197061
Russian Maritime Register	11040200	11040200
Germanischer Lloyd	4453607 HH	4453607 HH
Installation	The Klippon® K enclosure series can be pre-fitted in our customer specific production department according to your wishes; as an example, terminals, or other approved components, can be installed as required.	

Note: This enclosure series is component certified. If other electrical components are inserted into the case, additional certification is required.

Approvals for control and distribution box

	Ex	Standard
ATEX certificate	KEMA 00ATEX8501 X	
ATEX marking	II 2 GD Ex e II T6/T3 IP66/IP67 II 1 GD Ex ia IIC T6/T3 II 2 (1) GD Ex e[ia] IIG T6/T3	

Note: If you have specific requirements for equipment operating in explosive hazard areas, please contact us at Weidmüller to receive a full copy of the certification.



Height/Width/Depth 45 / 50 / 30 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529090000
Standard (silicone seal)**	1937920000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0573200000
Ex enclosure (silicone seal)	9526810000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ² 1x1*	1x1*
	4 mm ² 1x1*	1x1*
	6 mm ²	
	10 mm ²	
	16 mm ²	

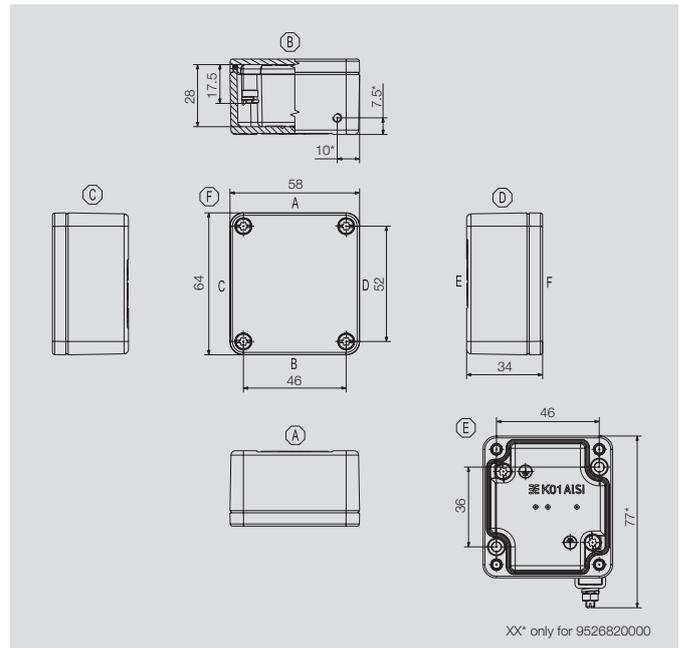
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend installing at most one BK 3 or BK 3 CRN (0624920000). There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
	1	1
	1	1

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Note



Height/Width/Depth 64 / 58 / 34 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529100000
Standard (silicone seal)**	1937850000
Natural finish (unpainted)	Order No.
Standard (CR seal)	1565240000
Ex enclosure (silicone seal)	9526820000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ² 1x1*	1x1*
	4 mm ² 1x1*	1x1*
	6 mm ²	
	10 mm ²	
	16 mm ²	

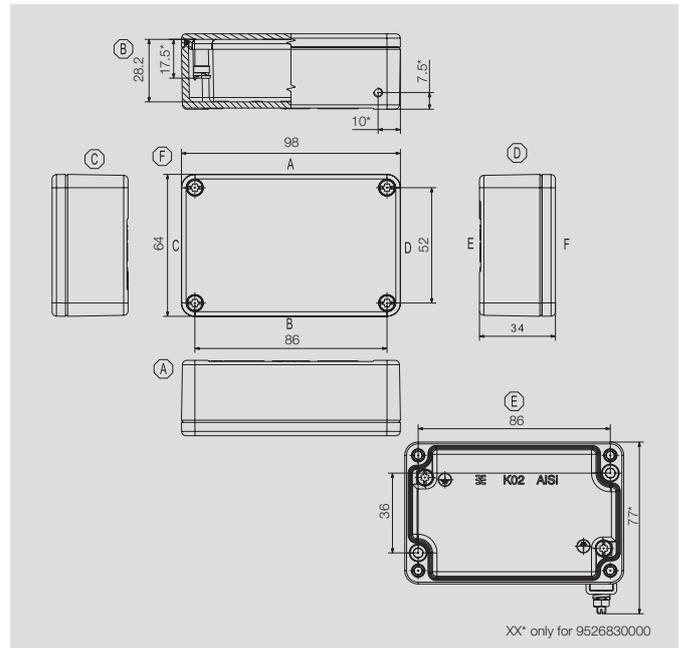
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend installing at most one BK 3 or BK 3 CRN (0624920000). There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
	1	1
	1	1

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Note



Height/Width/Depth 64 / 98 / 34 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529110000
Standard (silicone seal)**	1937840000
Natural finish (unpainted)	Order No.
Standard (CR seal)	1565250000
Ex enclosure (silicone seal)	9526830000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ² 1x1*	1x1*
	4 mm ² 1x1*	1x1*
	6 mm ²	
	10 mm ²	
	16 mm ²	

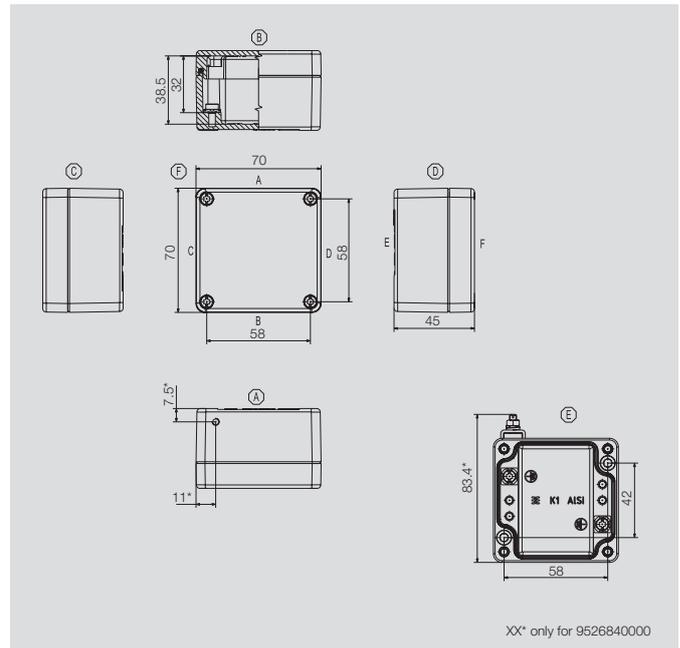
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. For vertical installations we recommend a maximum of one BK 4 or BK 4 CRN (0625120000) and for horizontal at most one BK 6 or BK6 CRN (0625220000). There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
	1	3
	1	3
		
		
		
		
		
		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Note



XX* only for 9526840000

Height/Width/Depth 70 / 70 / 45 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529120000
Standard (silicone seal)**	1937630000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342000000
Ex enclosure (silicone seal)	9526840000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
15 mm width	1909980000
Mounting plate	Order No.
Steel sheet, galvanised	1905280000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	1x1*	1x5
4 mm ²	1x1*	1x1*
6 mm ²		
10 mm ²		
16 mm ²		

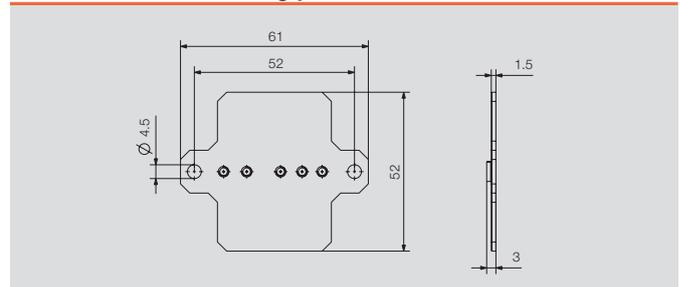
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. For vertical installations, we recommend using not more than one BK 4 or BK 4 CRN (0625120000). For horizontal installations with 2.5mm² 1x5 AKZ terminal blocks (only possible on a TS15) for 4mm², use not more than one BK 4. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

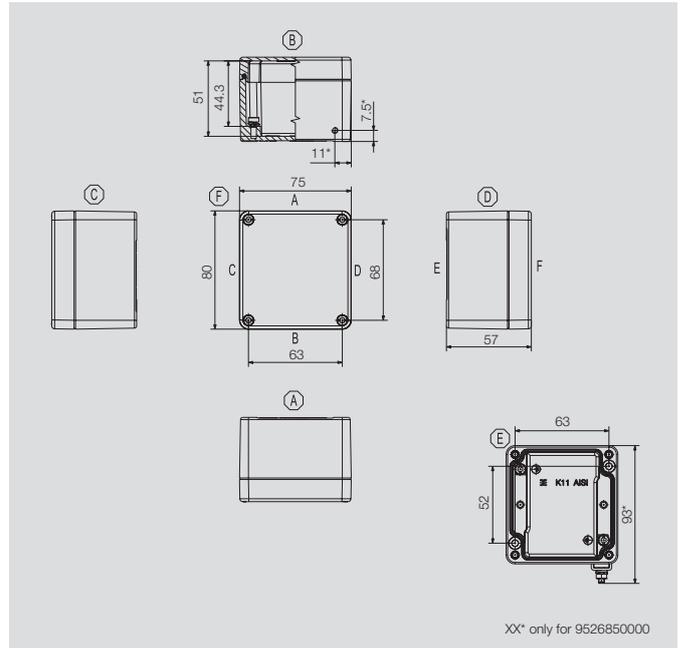
Number of cable entries

Number of cable entries	A / B	C / D
M12	2	1
M16	2	1
M20	1	
M25		
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





XX* only for 9526850000

Height/Width/Depth 80 / 75 / 57 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529130000
Standard (silicone seal)**	1937910000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0573300000
Ex enclosure (silicone seal)	9526850000
Note	The colours of painted enclosures may vary under certain circumstances. **Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
15 mm width	1909990000
Mounting plate	Order No.
Steel sheet, galvanised	3073000000
Hinge, diecast zinc, Set	Order No.
	1580360000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	1x1*	1x5
4 mm ²	1x1*	1x4
6 mm ²		
10 mm ²		
16 mm ²		

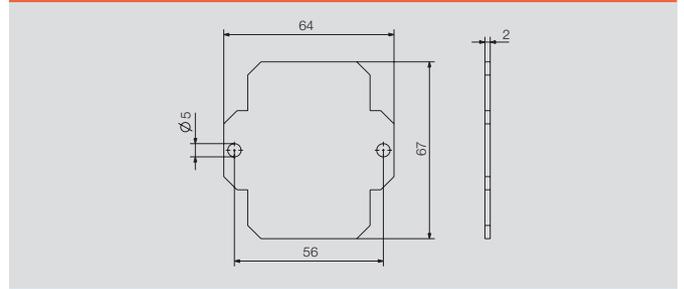
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CPN (0625220000) in vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

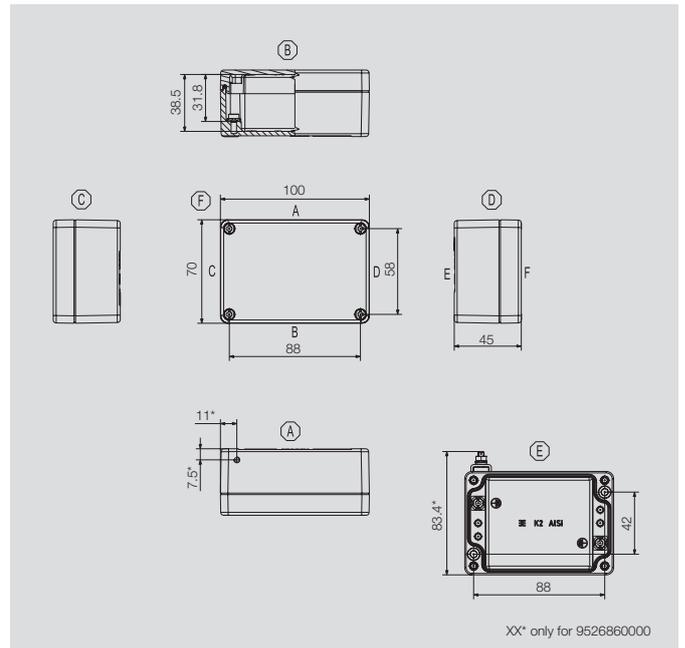
Number of cable entries

Number of cable entries	A / B	C / D
M12	2	2
M16	2	2
M20	1	1
M25	1	
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 70 / 100 / 45 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529140000
Standard (silicone seal)**	1937930000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342100000
Ex enclosure (silicone seal)	9526860000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
15 mm width	1910010000
Mounting plate	Order No.
Steel sheet, galvanised	1905270000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x10
4 mm ²	*	
6 mm ²		
10 mm ²		
16 mm ²		

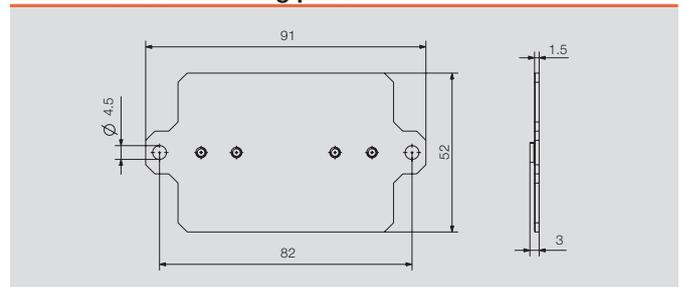
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

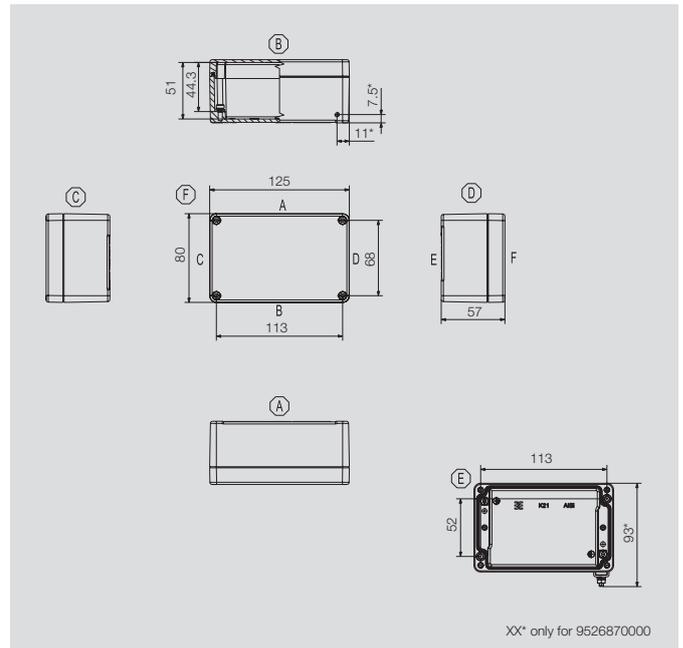
Number of cable entries

Number of cable entries	A / B	C / D
M12	3	1
M16	3	1
M20	2	
M25		
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





XX* only for 9526870000

Height/Width/Depth 80 / 125 / 57 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529150000
Standard (silicone seal)**	1937830000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0573400000
Ex enclosure (silicone seal)	9526870000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
15 mm width	1910020000
Mounting plate	Order No.
Steel sheet, galvanised	3073020000
Hinge, diecast zinc, Set	Order No.
	1580360000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x15
	4 mm ²	1x12
	6 mm ²	
	10 mm ²	
	16 mm ²	

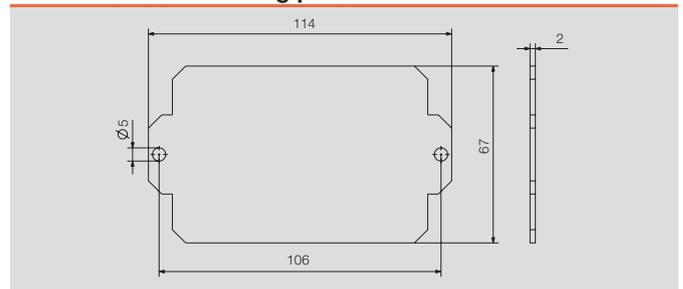
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

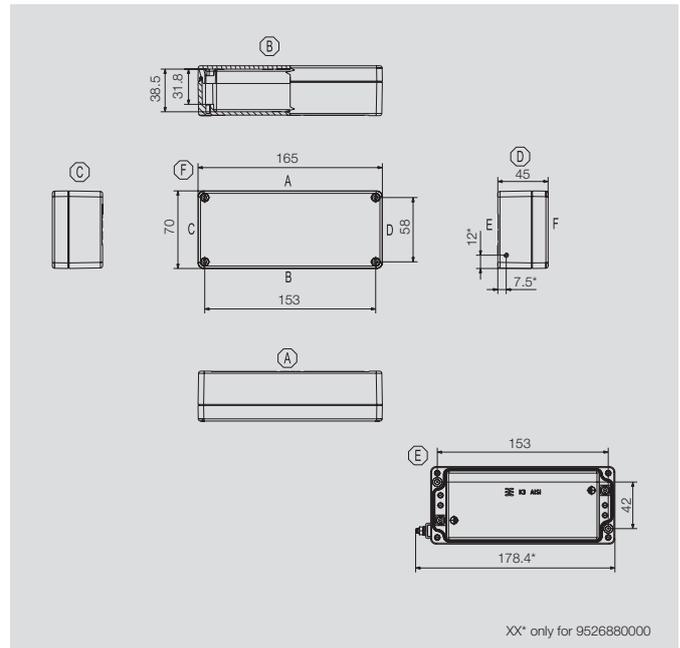
Number of cable entries

Number of cable entries	A / B	C / D
M12	6	2
M16	4	2
M20	3	1
M25	2	
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 70 / 165 / 45 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529160000
Standard (silicone seal)**	1937900000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342200000
Ex enclosure (silicone seal)	9526880000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
15 mm width	1910030000
Mounting plate	Order No.
Steel sheet, galvanised	1898210000
More tightly drawn	1899630000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x22
4 mm ²	*	
6 mm ²		
10 mm ²		
16 mm ²		

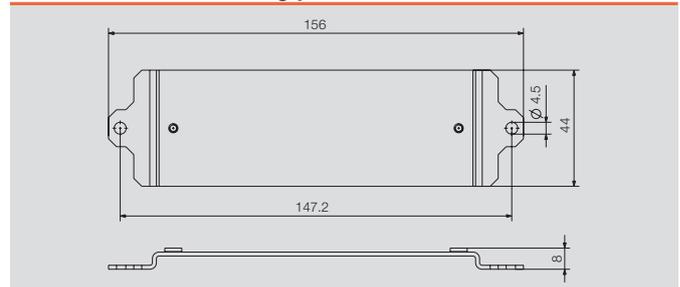
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

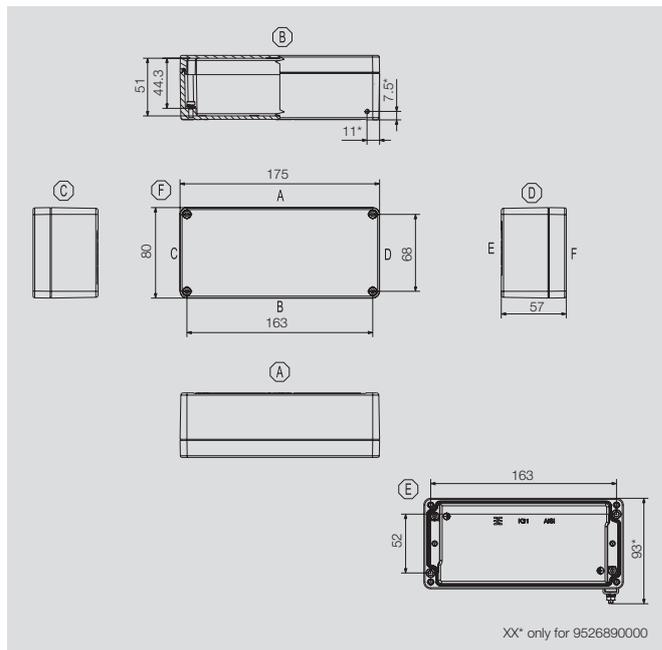
Number of cable entries

Number of cable entries	A / B	C / D
M12	6	
M16	5	
M20	4	
M25		
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 80 / 175 / 57 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529170000
Standard (silicone seal)**	1937820000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0573500000
Ex enclosure (silicone seal)	9526890000
Note	The colours of painted enclosures may vary under certain circumstances. **Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910040000
Mounting plate	Order No.
Steel sheet, galvanised	3073040000
Hinge, diecast zinc, Set	Order No.
	1580360000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x23
4 mm ²	*	1x19
6 mm ²		
10 mm ²		
16 mm ²		

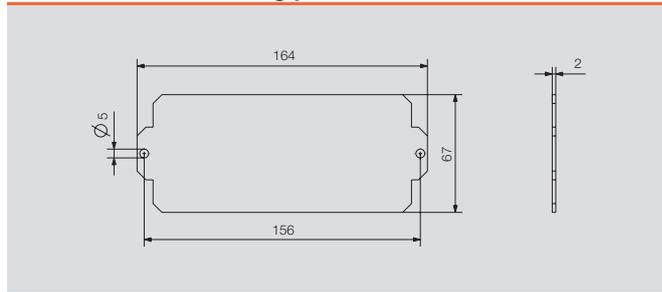
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

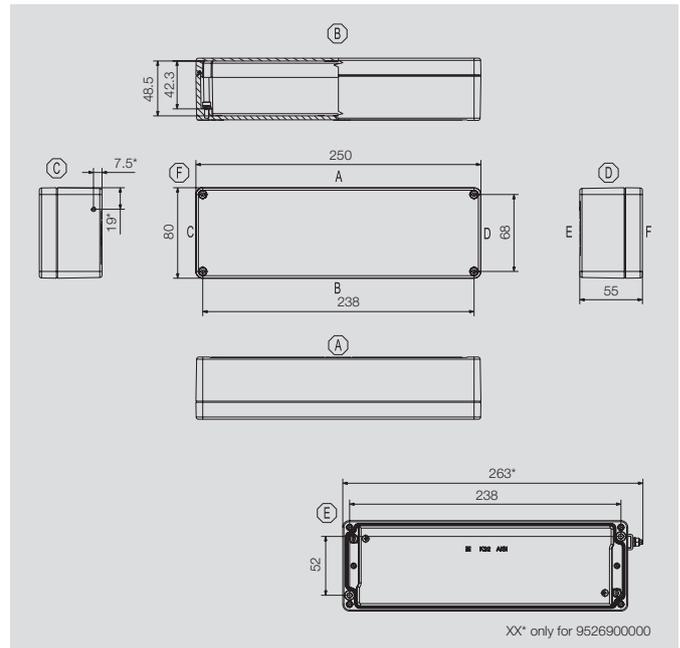
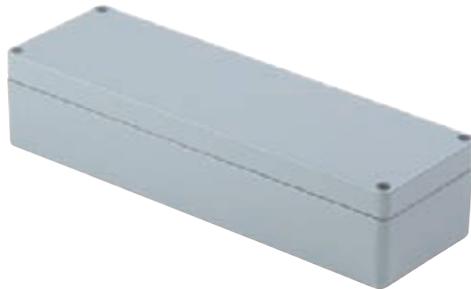
Number of cable entries

Number of cable entries	A / B	C / D
M12	9	2
M16	6	2
M20	4	1
M25	3	
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 80 / 250 / 55 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529180000
Standard (silicone seal)**	1937810000
Natural finish (unpainted)	Order No.
Standard (CR seal)	1565260000
Ex enclosure (silicone seal)	9526900000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910050000
Mounting plate	Order No.
Steel sheet, galvanised	3073050000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x38
	4 mm ²	1x32
	6 mm ²	
	10 mm ²	
	16 mm ²	

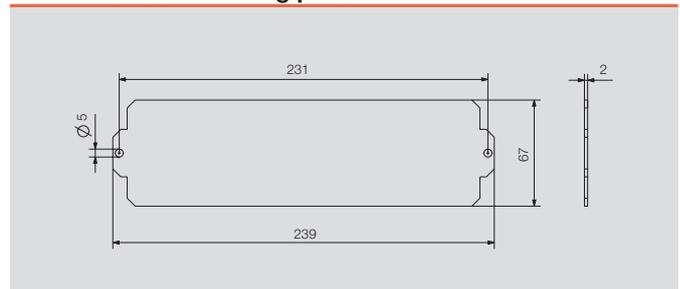
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

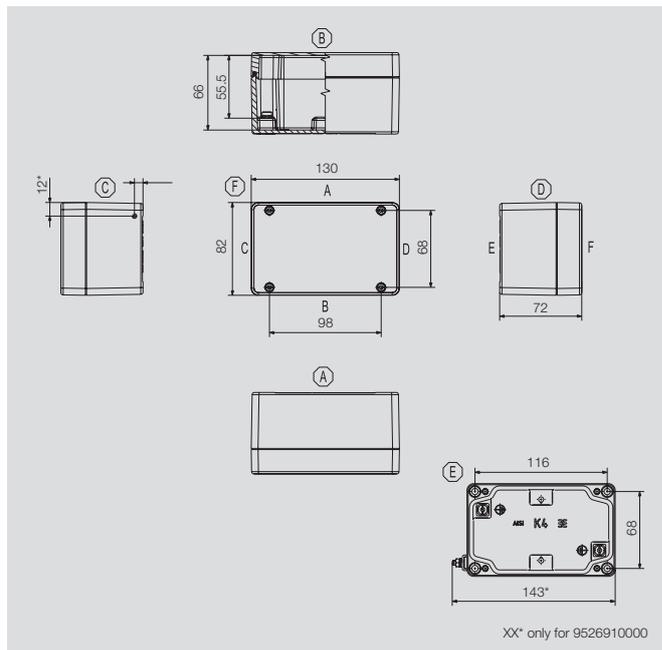
Number of cable entries

Number of cable entries	A / B	C / D
M12	15	2
M16	9	2
M20	7	1
M25	6	
M32		
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 82 / 130 / 72 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529190000
Standard (silicone seal)**	1937890000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342300000
Ex enclosure (silicone seal)	9526910000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910060000
Mounting plate	Order No.
Steel sheet, galvanised	3073060000
Hinge, diecast zinc, Set	Order No.
	1580360000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x5
	4 mm ²	1x4
	6 mm ²	1x3
	10 mm ²	1x2
	16 mm ²	

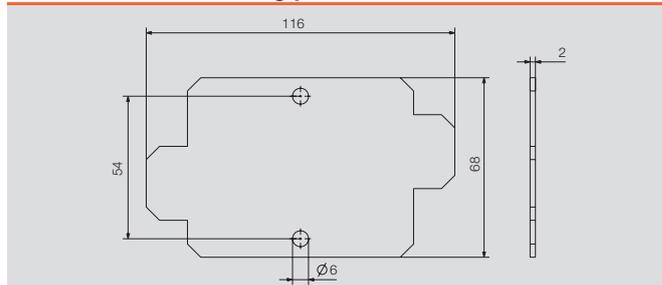
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 6 or BK 6 CRN (0625220000) for horizontal installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a horizontal position.

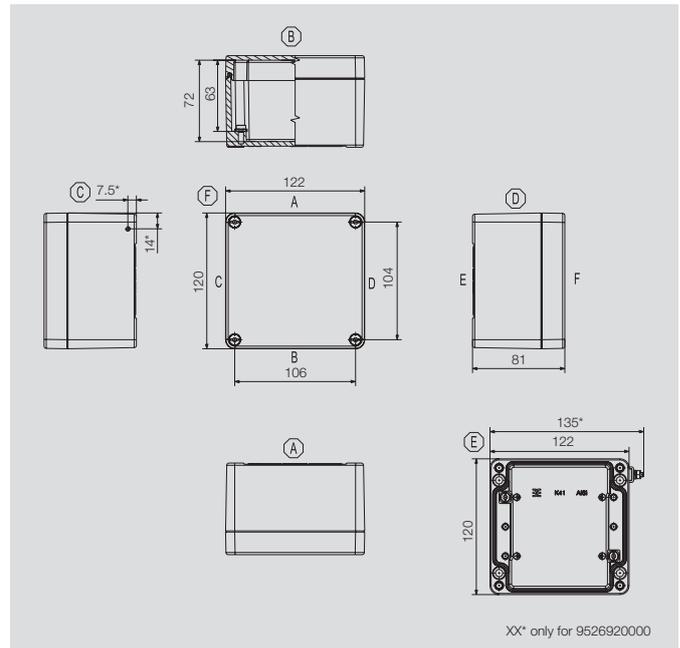
Number of cable entries

Number of cable entries	A / B	C / D
M12	2	5
M16	2	3
M20	1	2
M25	1	2
M32	1	
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





XX* only for 9526920000

Height/Width/Depth 120 / 122 / 81 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529200000
Standard (silicone seal)**	1937800000
Natural finish (unpainted)	Order No.
Standard (CR seal)	1565270000
Ex enclosure (silicone seal)	9526920000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910070000
Earth bar, Set	Order No.
	9511200000
Mounting plate	Order No.
Steel sheet, galvanised	3073070000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9527590000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x13
	4 mm ²	1x11
	6 mm ²	1x8
	10 mm ²	1x6
	16 mm ²	

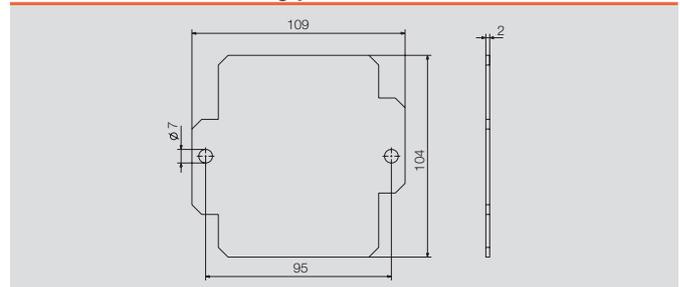
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no specified mounting options available for mounting the enclosure in a vertical position. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

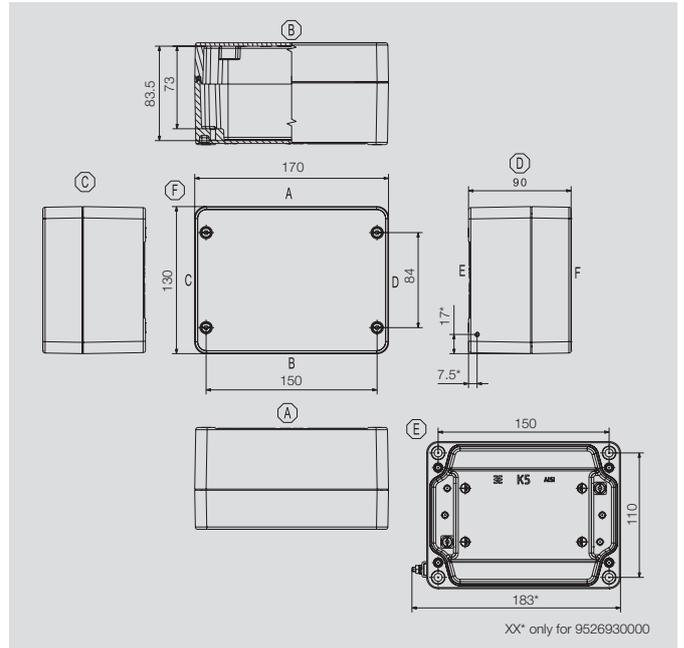
Number of cable entries

Number of cable entries	A / B	C / D
M12	6	4
M16	6	4
M20	3	2
M25	2	1
M32	1	1
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 130 / 170 / 90 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529210000
Standard (silicone seal)**	1937860000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342400000
Ex enclosure (silicone seal)	9526930000
Note	The colours of painted enclosures may vary under certain circumstances. **Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910080000
Earth bar, Set	Order No.
	9511220000
Mounting plate	Order No.
Steel sheet, galvanised	3073080000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9529080000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2.5 mm ²	*	1x20
4 mm ²	*	1x16
6 mm ²		1x12
10 mm ²		1x10
16 mm ²		1x8

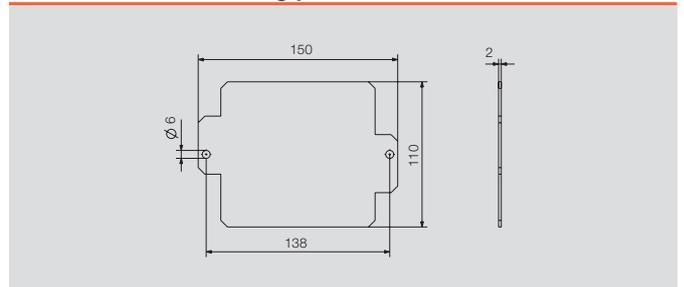
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no specified mounting options available for mounting the enclosure in a vertical position. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

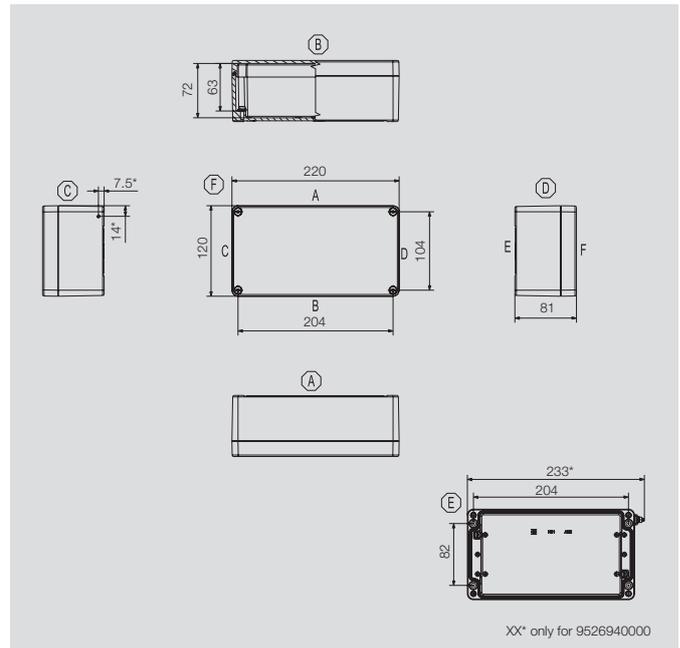
Number of cable entries

Number of cable entries	A / B	C / D
M12	11	4
M16	8	2
M20	4	1
M25	3	1
M32	2	1
M40		
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 120 / 220 / 81 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529220000
Standard (silicone seal)**	1937750000
Natural finish (unpainted)	Order No.
Standard (CR seal)	1565280000
Ex enclosure (silicone seal)	9526940000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910090000
Earth bar, Set	Order No.
	9511210000
Mounting plate	Order No.
Steel sheet, galvanised	3073090000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9527590000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x31
4 mm ²	*	1x26
6 mm ²		1x19
10 mm ²		1x15
16 mm ²		



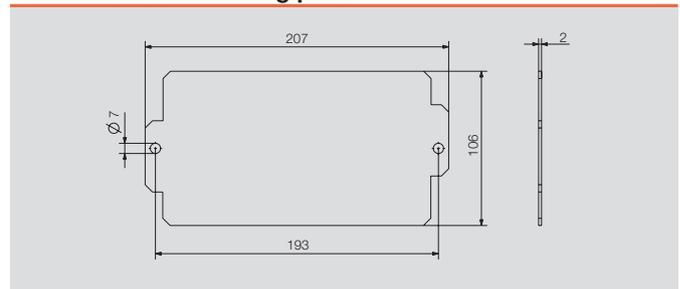
Note The mounting rails are designed to be installed directly.
Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
Ordering recommendations:
TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 6 or BK 6 CRN (0625220000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

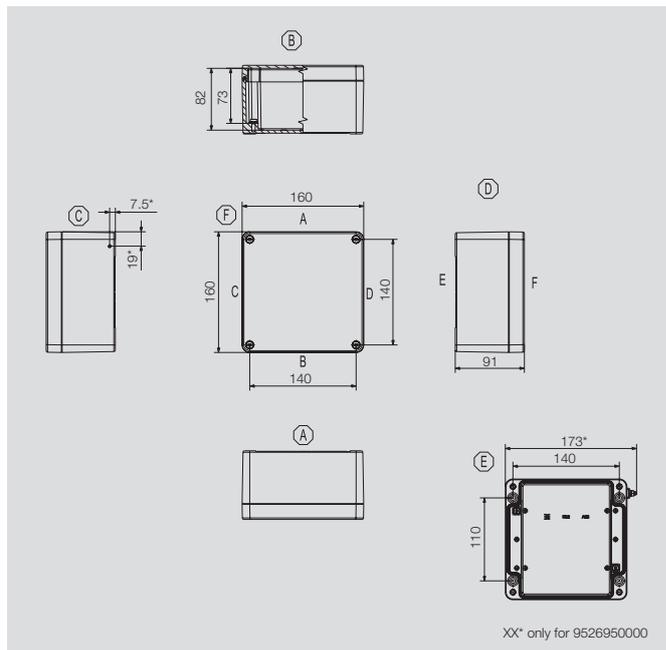
Number of cable entries

Number of cable entries	A / B	C / D
M12	23	6
M16	14	3
M20	8	2
M25	5	1
M32	3	1
M40	3	
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





XX* only for 9526950000

Height/Width/Depth 160 / 160 / 91 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529230000
Standard (silicone seal)**	1937740000
Natural finish (unpainted)	Order No.
Standard (CR seal)	1565290000
Ex enclosure (silicone seal)	9526950000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910100000
Earth bar, Set	Order No.
	9511220000
Mounting plate	Order No.
Steel sheet, galvanised	3073100000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9527590000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x18
	4 mm ²	1x15
	6 mm ²	1x11
	10 mm ²	1x9
	16 mm ²	



Note The mounting rails are designed to be installed directly.
Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
Ordering recommendations:
TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

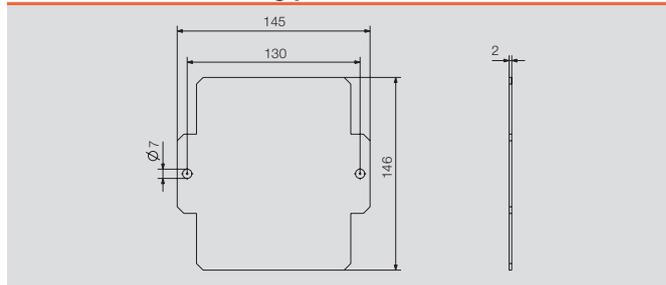
Number of cable entries

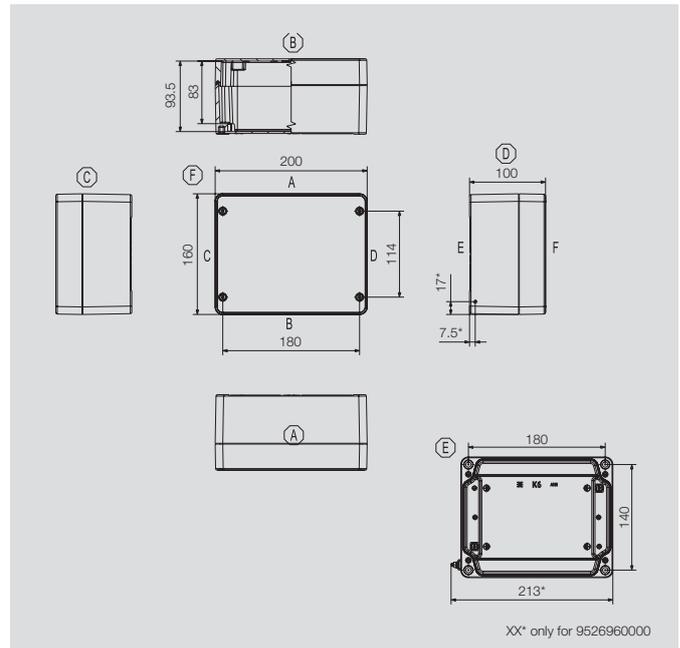
Number of cable entries	A / B	C / D
M12	14	8
M16	8	5
M20	5	3
M25	3	2
M32	2	1
M40	1	
M50		
M63		



Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





XX* only for 9526960000

Height/Width/Depth 160 / 200 / 100 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529240000
Standard (silicone seal)**	1937870000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342500000
Ex enclosure (silicone seal)	9526960000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910110000
Earth bar, Set	Order No.
	9525020000
Mounting plate	Order No.
Steel sheet, galvanised	3073110000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9529080000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x25
4 mm ²	*	1x21
6 mm ²		1x15
10 mm ²		1x12
16 mm ²		1x10

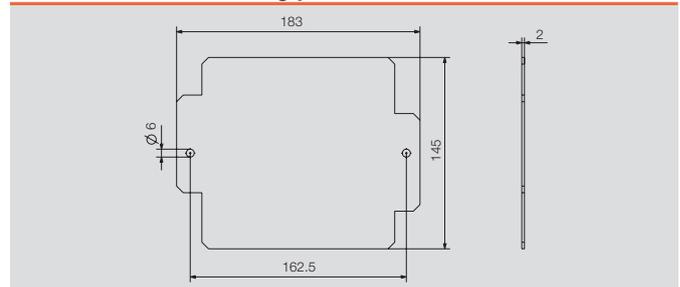
Note The mounting rails are designed to be installed directly.
Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
Ordering recommendations:
TS 35 mounting rail (screw-type terminals) WDU 2.5 10200000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

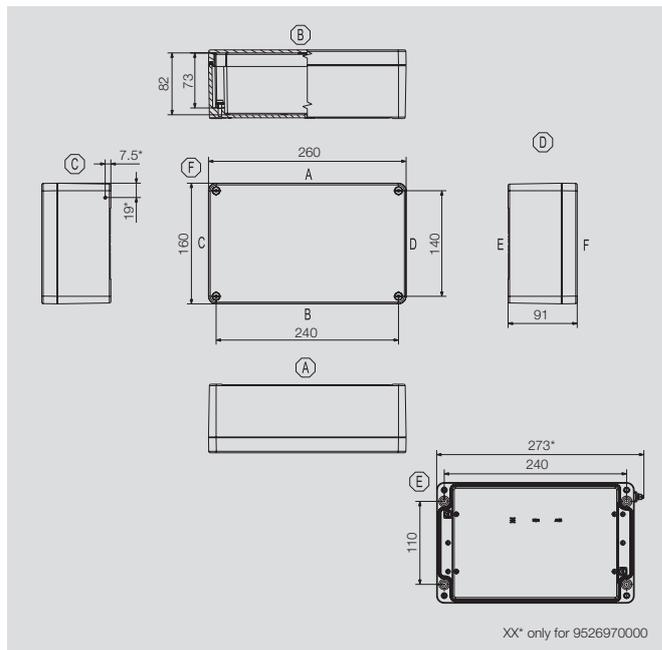
Number of cable entries

Number of cable entries	A / B	C / D
M12	17	6
M16	12	6
M20	7	3
M25	4	2
M32	3	2
M40	2	1
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





XX* only for 9526970000

Height/Width/Depth 160 / 260 / 91 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529250000
Standard (silicone seal)**	1937730000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0573600000
Ex enclosure (silicone seal)	9526970000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910120000
Earth bar, Set	Order No.
	9511230000
Mounting plate	Order No.
Steel sheet, galvanised	3073120000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9527590000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x38
4 mm ²	*	1x32
6 mm ²		1x24
10 mm ²		1x19
16 mm ²		1x16



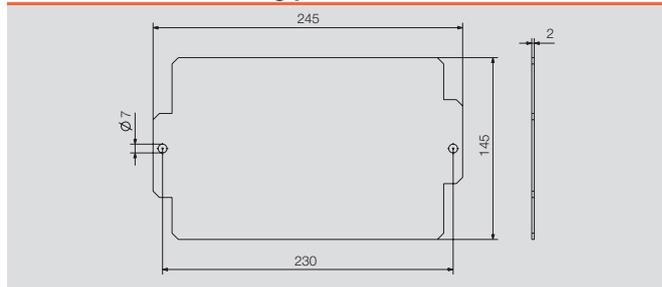
Note The mounting rails are designed to be installed directly.
Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
Ordering recommendations:
TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

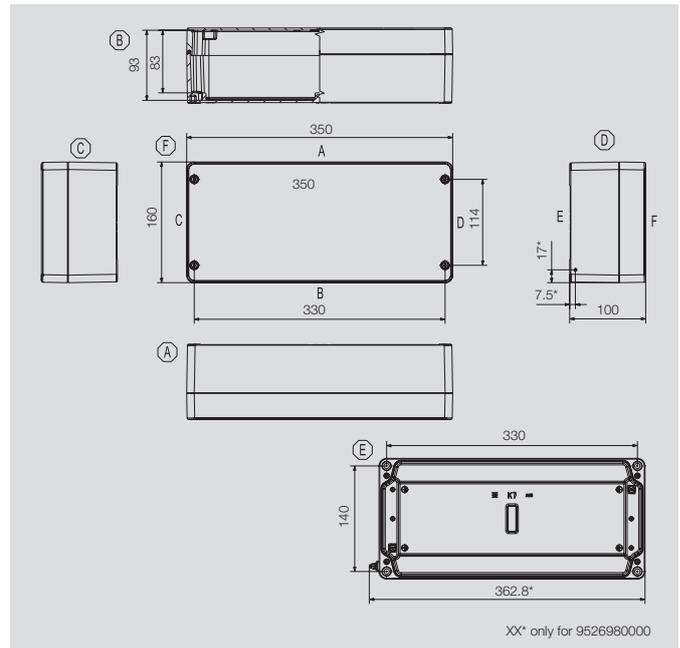
Number of cable entries

Number of cable entries	A / B	C / D
M12	27	8
M16	23	6
M20	13	3
M25	8	2
M32	4	1
M40	3	1
M50		
M63		

Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate





Height/Width/Depth 160 / 350 / 100 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529260000
Standard (silicone seal)**	1937880000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0342600000
Ex enclosure (silicone seal)	9526980000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910130000
Earth bar, Set	Order No.
	9525030000
Mounting plate	Order No.
Steel sheet, galvanised	3073130000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9529080000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x55
4 mm ²	*	1x46
6 mm ²		1x34
10 mm ²		1x27
16 mm ²		1x23



Note The mounting rails are designed to be installed directly.
Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
Ordering recommendations:
TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

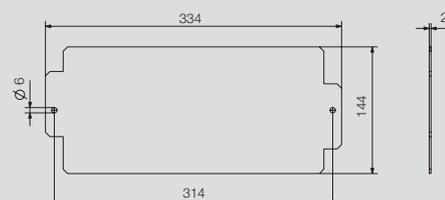
Number of cable entries

Number of cable entries	A / B	C / D
M12	42	8
M16	26	6
M20	17	3
M25	10	2
M32	6	2
M40	5	1
M50		
M63		



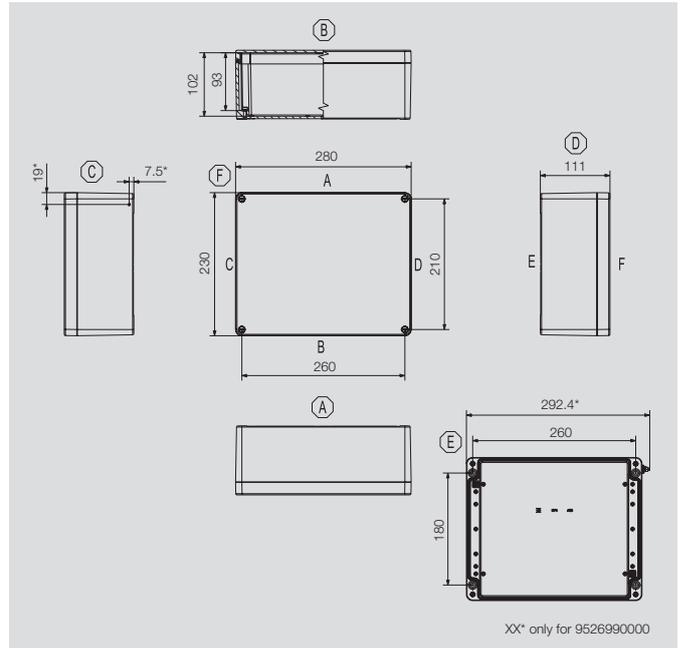
Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Klippon® K 71

Depth 111 mm



Height/Width/Depth 230 / 280 / 111 mm

Ordering data

Powder-coated (RAL 7001)	Order No.
Standard (CR seal)	9529270000
Standard (silicone seal)**	1937720000
Natural finish (unpainted)	Order No.
Standard (CR seal)	0573700000
Ex enclosure (silicone seal)	9526990000

Note The colours of painted enclosures may vary under certain circumstances.
**Delivery time available on request.

Accessories

Terminal rail, Set	Order No.
35 mm width	1910140000
Earth bar, Set	Order No.
	9511190000
Mounting plate	Order No.
Steel sheet, galvanised	3073140000
Hinge, diecast zinc, Set	Order No.
	1580360000
External mounting feet, set of 4	Order No.
	9527590000
Torx screwdriver	Order No.
Uninsulated Torx TH20	9009160000

Note Accessories described above as sets, are supplied with fixing materials.
For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	2x42
4 mm ²	*	2x35
6 mm ²		2x26
10 mm ²		2x21
16 mm ²		



Note The mounting rails are designed to be installed directly.
Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail.
Ordering recommendations:
TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000
*For fitting the enclosures with terminal blocks, please refer to the Terminal block catalogue or the SAK series. We recommend BK 12 or BK 12 CRN (0625320000) for vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

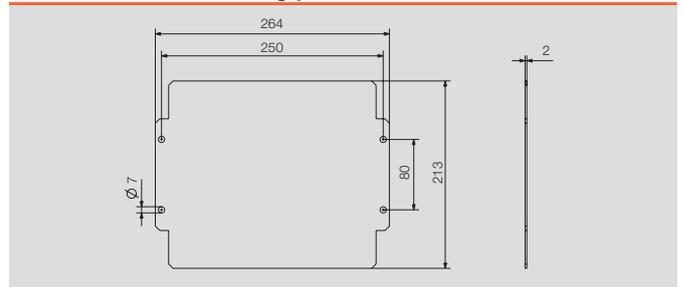
Number of cable entries

Number of cable entries	A / B	C / D
M12	42	28
M16	30	18
M20	21	10
M25	12	8
M32	10	3
M40	4	2
M50	3	2
M63		



Note **Our IP68 brass cable glands are used as the reference for these guideline values.

Dimensions of mounting plate



Polyester enclosures

The Klippon® POK range is based on a high-quality glass fibre-reinforced polyester enclosure which represents an economical solution for electrical connections. The enclosures are ideal wherever corrosion resistance, impact resistance and a high IP protection class are required.

Features of the enclosure range:

- 17 sizes and 2 versions
- Stainless Steel lid screws
- Fixing holes located outside the sealed area
- Threaded holes for mounting rails
- Approved to the latest international standards

Our assembly service can supply these enclosures preassembled with terminals and cable glands according to customer requirements.



Overview of enclosures

Ordering data

Description	Dimensions	Standard	Ex Enclosures
Klippon® POK 1	75 x 80 x 56	1277200000	9510210000
Klippon® POK 2	75 x 110 x 55	1277300000	9510220000
Klippon® POK 3	75 x 160 x 55	1277400000	9510320000
Klippon® POK31	75 x 190 x 55	1565400000	9510330000
Klippon® POK 32	75 x 230 x 55	9510510000	9510340000
Klippon® POK 4	120 x 122 x 91	1277500000	9510230000
Klippon® POK 5	120 x 220 x 91	1277600000	9510240000
Klippon® POK 51	160 x 160 x 90	1565410000	9510250000
Klippon® POK 6	160 x 260 x 90	1277700000	9510260000
Klippon® POK 7	160 x 360 x 90	1277800000	9510270000
Klippon® POK71	160 x 560 x 90	9510520000	9510350000
Klippon® POK 8	250 x 255 x 120	1565420000	9510280000
Klippon® POK 9	250 x 400 x 120	1565430000	9510290000
Klippon® POK 91	250 x 600 x 120	9510470000	9510300000
Klippon® POK 10	405 x 400 x 120	1565440000	9510310000
Klippon® POK 11	250 x 255 x 160	9510530000	9510360000
Klippon® POK 12	250 x 400 x 160	9510540000	9510370000

Technical Overview

Features

- for use in hazardous area and industrial applications
- Extremely robust and impact resistant due to the high amount of glass fibre
- Approved to the latest international standards (e.g. ATEX, cULus, GOST)

Note: The enclosure range Klippon® POK can be assembled with terminals or other approved equipment by our Application-Specific Solutions service.

Technical data

	Ex	Standard
Enclosure material	Glass fibre-reinforced polyester to DIN 16913 with added graphite	Glass fibre-reinforced polyester to DIN 16913
Surface	Black, similar to RAL 9011	Grey, similar to RAL7001
IP Rating	IP 66	IP 66
Equipment mounting	M4 to M6 threaded bushes	M4 to M6 threaded bushes
Enclosure mounting	4 holes for M4 to M6 screw	4 holes for M4 to M6 screws
Lid fixing	M4/M6 slothead / crosshead screws from stainless steel	M4/M6 slothead / crosshead screws from stainless steel
Impact Resistance	7J	7J
Gasket material	Silicone (VMQ)	Chloroprene
Temperature range	-55 °C...+100 °C	-40 °C...+90 °C
Torque screws of lid M4*	2.0 - 2.5 Nm	2.0 - 2.5 Nm
Torque screws of lid M6*	2.5 - 3.0 Nm	2.5 - 3.0 Nm
Flammability	UL94 V0	UL94 V0
Toxicity	Halogen and cadmium-free	Halogen and cadmium-free

Note: We deliver enclosures through our assembly service which are ready to be connected and suitable for every application

* Depending on the screw head size, the lid can be fastened using either our slotted or cross-head screwdrivers (see chapter G)

Approvals for empty enclosures

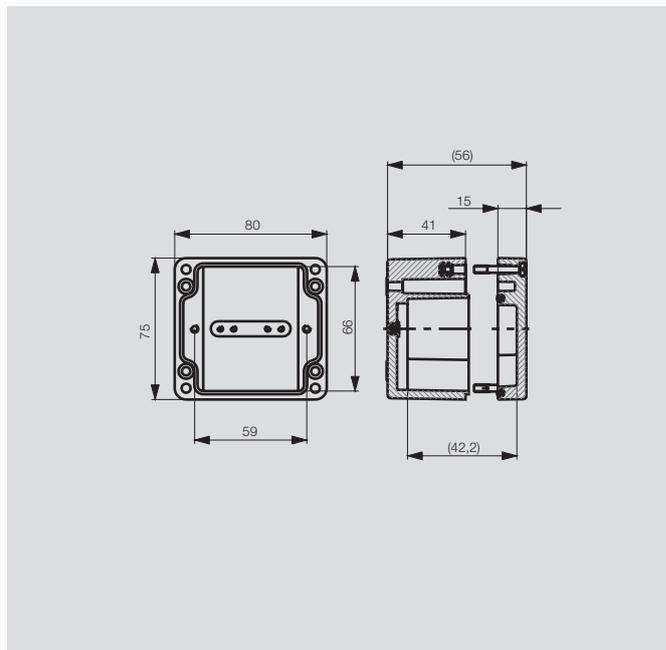
	Ex	Standard
ATEX certificate	KEMA 02ATEX2078 U	
ATEX marking	II 2 GD Ex e II	
GOST Ex	POCC DE.ME92.B01149	
GOST	POCC DE.ME25.B01450	POCC DE.ME25.B01450
cULus		E 223801
Lloyds Register		07/20008
Russian Maritime Register	11040200	11040200
Germanischer Lloyd		4453607 HH
Installation	The Klippon® POK enclosure series can be pre-fitted in our customer specific production department according to your wishes; as an example, terminals, or other approved components, can be installed as required.	

Note: This enclosure range is component certified. An additional certifications is required, when other electronic equipment will be installed into the enclosure.

Approvals terminal enclosures

	Ex	Standard
ATEX certificate	KEMA 03ATEX2077	
ATEX marking	II 2 GD T85°C/T100°C Ex e II T6/T5 II 2 (1) GD T85°C/T100°C Ex e [ia] IIC T6/T5 II GD T85°C/T100°C Ex ia IIC T6/T5 IP64/IP65/IP66	

Note: If you have specific requirements of equipment in hazardous area applications, please contact Weidmüller to get a copy of the complete certificates.



Height/Width/Depth 75 / 80 / 56 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1277200000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510210000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928060000
Mounting plate	Order No.
Steel sheet, galvanised	9510570000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9510990000
External mounting feet, set of 4	Order No.
	9510900000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	1x1*	1x5
4 mm ²	1x1*	1x4
6 mm ²		
10 mm ²		
16 mm ²		



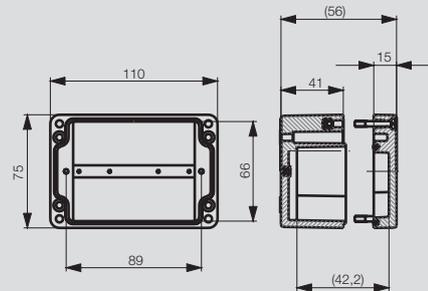
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CRN (0625220000) in vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	4	1
M16	2	1
M20	1	1
M25	1	
M32		
M40		
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 75 / 110 / 56 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1277300000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510220000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928060000
Mounting plate	Order No.
Steel sheet, galvanised	9510570000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9510990000
External mounting feet, set of 4	Order No.
	9510900000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	1x1*	1x10
4 mm ²	1x1*	1x9
6 mm ²		
10 mm ²		
16 mm ²		



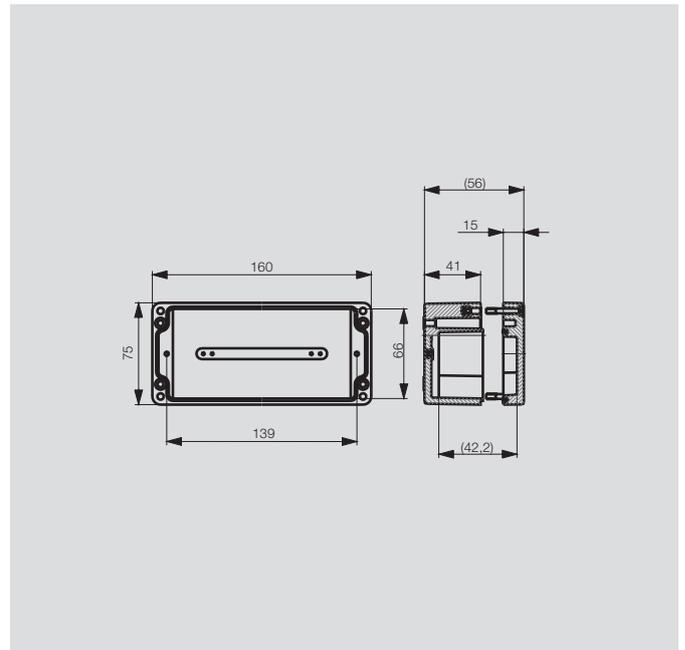
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CPN (0625220000) in vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	7	1
M16	3	1
M20	2	1
M25	2	
M32		
M40		
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 75 / 160 / 56 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1277400000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510320000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928080000
Mounting plate	Order No.
Steel sheet, galvanised	9510680000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511010000
External mounting feet, set of 4	Order No.
	9510900000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	1x20
	4 mm ²	1x17
	6 mm ²	
	10 mm ²	
	16 mm ²	



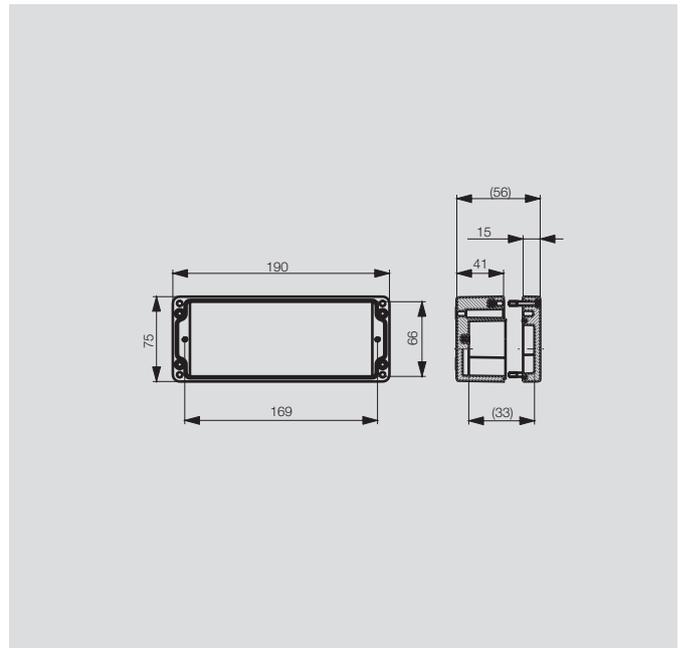
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CPN (0625220000) in vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	11	1
M16	5	1
M20	4	1
M25	3	
M32		
M40		
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 75 / 190 / 56 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1565400000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510330000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928080000
Mounting plate	Order No.
Steel sheet, galvanised	9510690000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511020000
External mounting feet, set of 4	Order No.
	9510900000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only one hinge is required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
	2,5 mm ²	* 1x26
	4 mm ²	* 1x22
	6 mm ²	
	10 mm ²	
	16 mm ²	



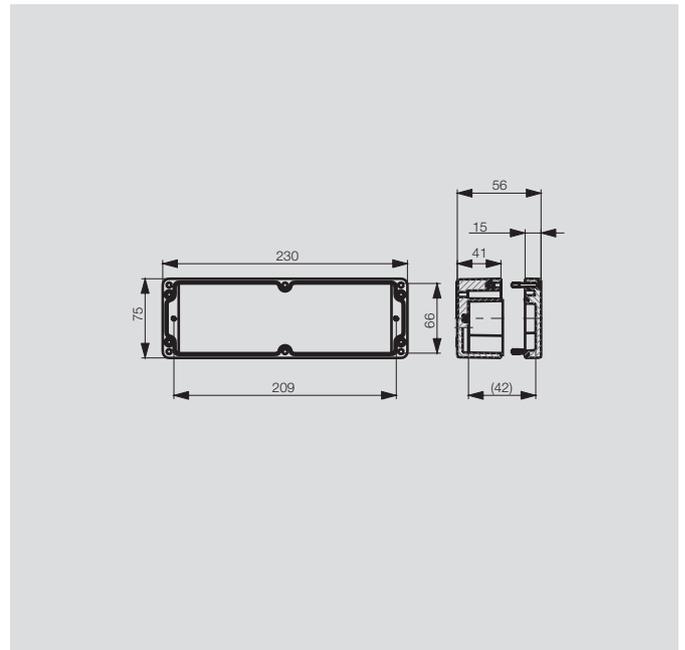
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CRN (0625220000) in vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	14	1
M16	6	1
M20	5	1
M25	4	
M32		
M40		
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 75 / 230 / 56 mm

Ordering data

RAL 7001	Order No.
Standard, grey	9510510000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510340000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928100000
Mounting plate	Order No.
Steel sheet, galvanised	9510700000
Mild steel nickel plated Spacer M6 x 8, set of 2	
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511030000
External mounting feet, set of 4	Order No.
	9510900000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x33
4 mm ²	*	1x28
6 mm ²		
10 mm ²		
16 mm ²		



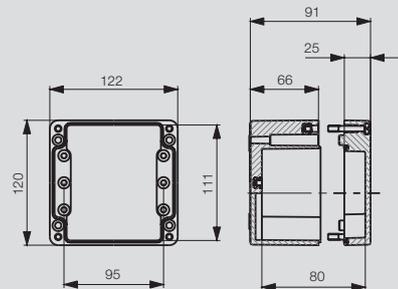
Note *Please refer to the Terminal Block Catalogue or the SAK Series for more information about populating the enclosures with terminal blocks. We recommend at most one BK 6 or BK 6 CPN (0625220000) in vertical installations. There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	16	1
M16	6	1
M20	6	1
M25	4	
M32		
M40		
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 120 / 122 / 91 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1277500000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510230000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928110000
Mounting plate	Order No.
Steel sheet, galvanised	9510590000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511040000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x12
4 mm ²	*	1x10
6 mm ²	*	1x7
10 mm ²	*	1x6
16 mm ²	*	1x5



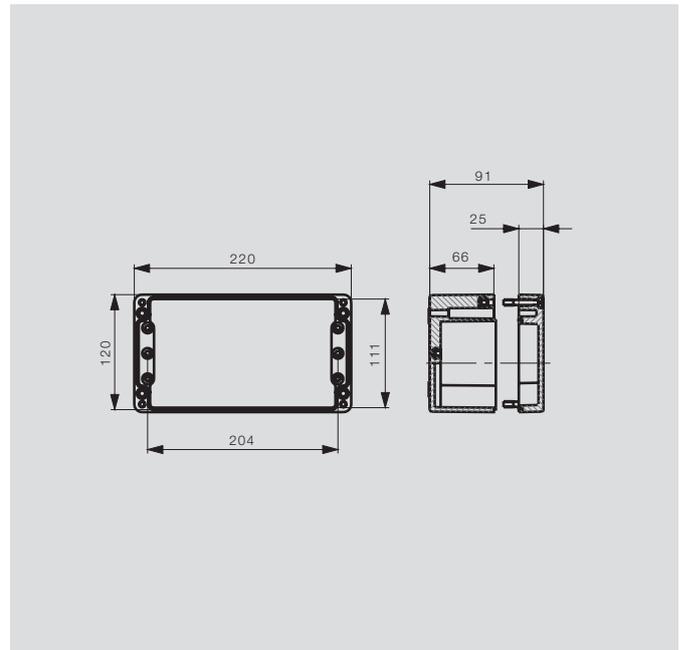
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	12	8
M16	6	4
M20	4	3
M25	5	1
M32	4	1
M40		
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 120 / 220 / 91 mm

Ordering data

RAL 7001	Order No.
Standard, grey	127760000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	951024000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928120000
Mounting plate	Order No.
Steel sheet, galvanised	951060000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511050000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x31
4 mm ²	*	1x26
6 mm ²	*	1x19
10 mm ²	*	1x15
16 mm ²	*	1x13



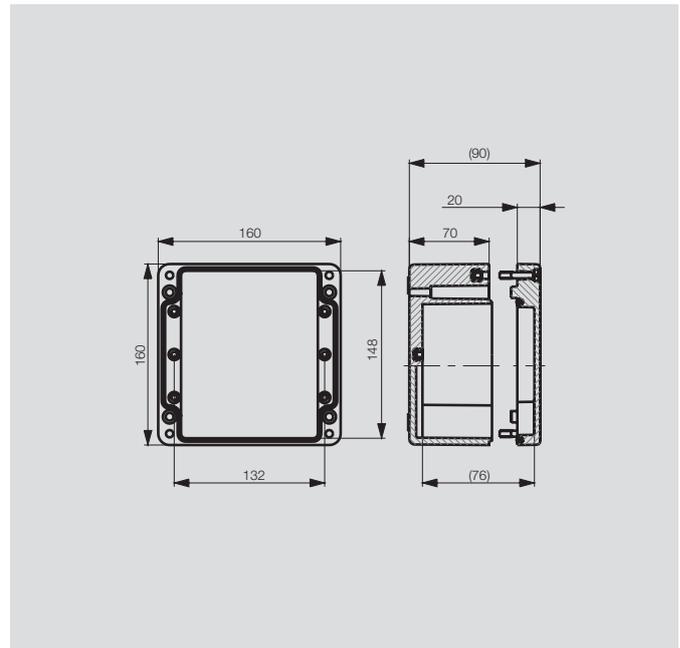
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	24	8
M16	14	4
M20	12	3
M25	5	1
M32	4	1
M40	3	
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 160 / 160 / 90 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1565410000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510250000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928130000
Mounting plate	Order No.
Steel sheet, galvanised	9510610000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511060000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x17
4 mm ²	*	1x14
6 mm ²	*	1x11
10 mm ²	*	1x9
16 mm ²	*	1x7



Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	15	11
M16	12	6
M20	6	4
M25	3	2
M32	2	2
M40	2	1
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 160 / 260 / 90 mm

Ordering data

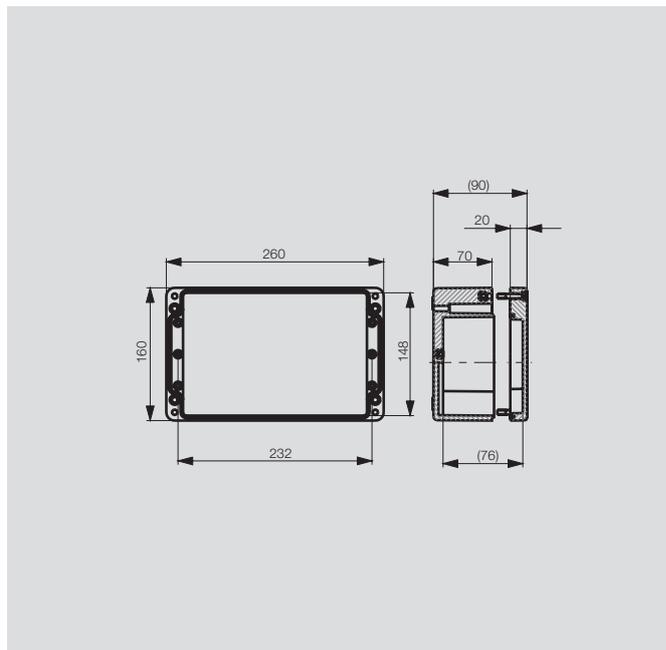
RAL 7001	Order No.
Standard, grey	127770000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	951026000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928140000
Mounting plate	Order No.
Steel sheet, galvanised	9510620000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511070000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.



Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x36
4 mm ²	*	1x30
6 mm ²	*	1x23
10 mm ²	*	1x16
16 mm ²	*	1x16



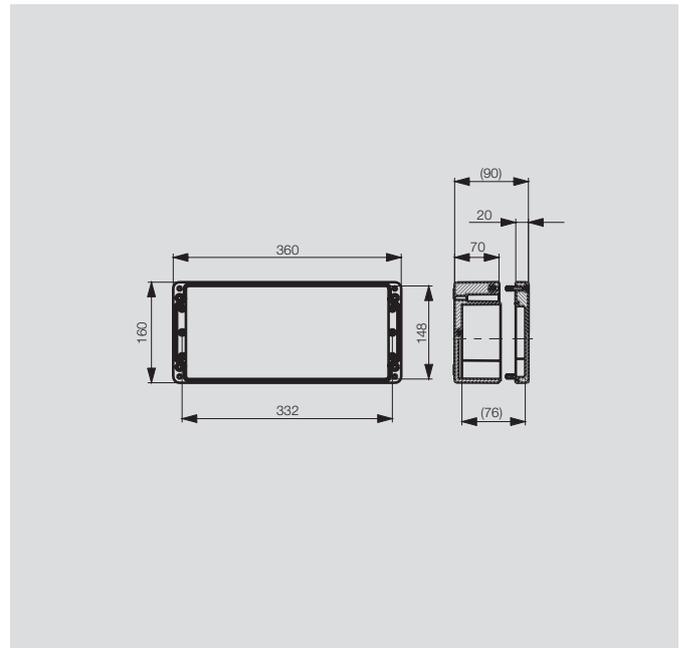
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	30	11
M16	24	6
M20	14	4
M25	5	2
M32	4	2
M40	3	1
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 160 / 360 / 90 mm

Ordering data

RAL 7001	Order No.
Standard, grey	127780000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	951027000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928150000
Mounting plate	Order No.
Steel sheet, galvanised	9510630000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511080000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x56
4 mm ²	*	1x47
6 mm ²	*	1x36
10 mm ²	*	1x29
16 mm ²	*	1x24



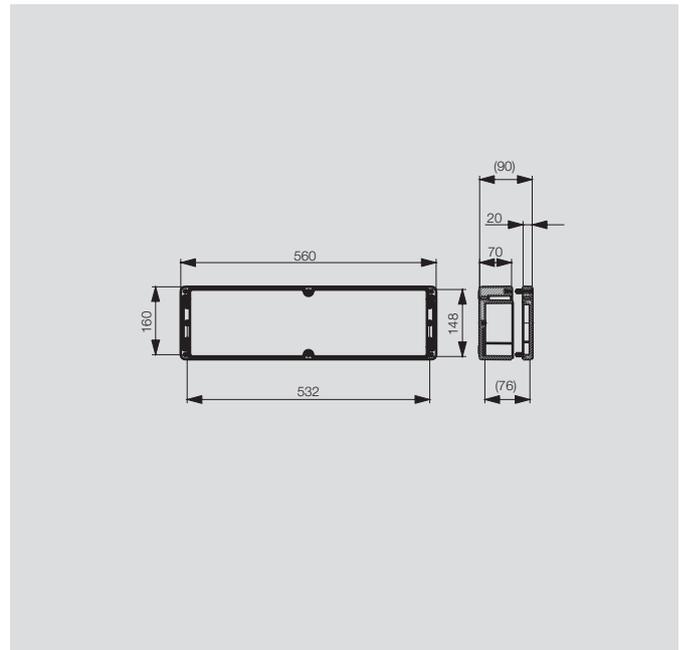
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	45	11
M16	36	6
M20	20	4
M25	8	2
M32	6	2
M40	5	1
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 160 / 560 / 90 mm

Ordering data

RAL 7001	Order No.
Standard, grey	9510520000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510350000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928160000
Mounting plate	Order No.
Steel sheet, galvanised	9510710000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511090000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	1x94
4 mm ²	*	1x79
6 mm ²	*	1x60
10 mm ²	*	1x49
16 mm ²	*	1x41



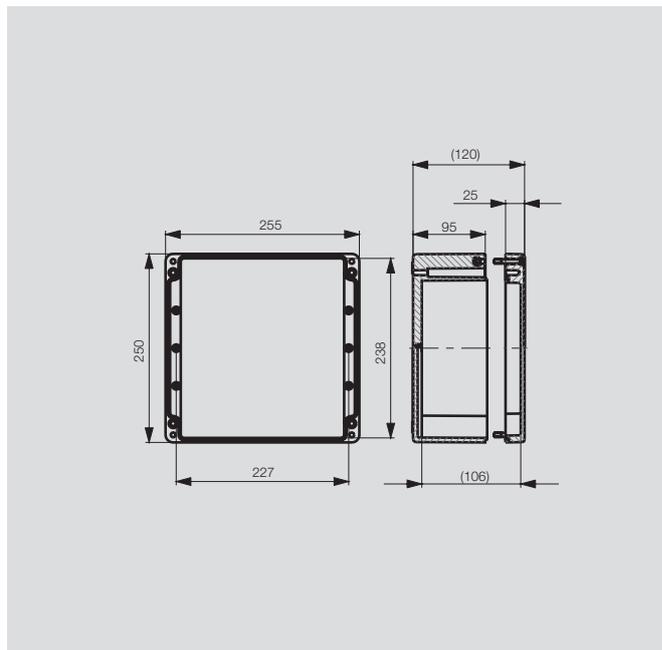
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	66	11
M16	58	6
M20	32	4
M25	12	2
M32	10	2
M40	8	1
M50		
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 250 / 255 / 120 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1565420000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510280000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928170000
Mounting plate	Order No.
Steel sheet, galvanised	9510640000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511100000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	2x38
4 mm ²	*	2x31
6 mm ²	*	2x23
10 mm ²	*	2x19
16 mm ²	*	2x15



Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	36	32
M16	32	21
M20	10	15
M25	10	8
M32	8	3
M40	3	3
M50	2	2
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 250 / 400 / 120 mm

Ordering data

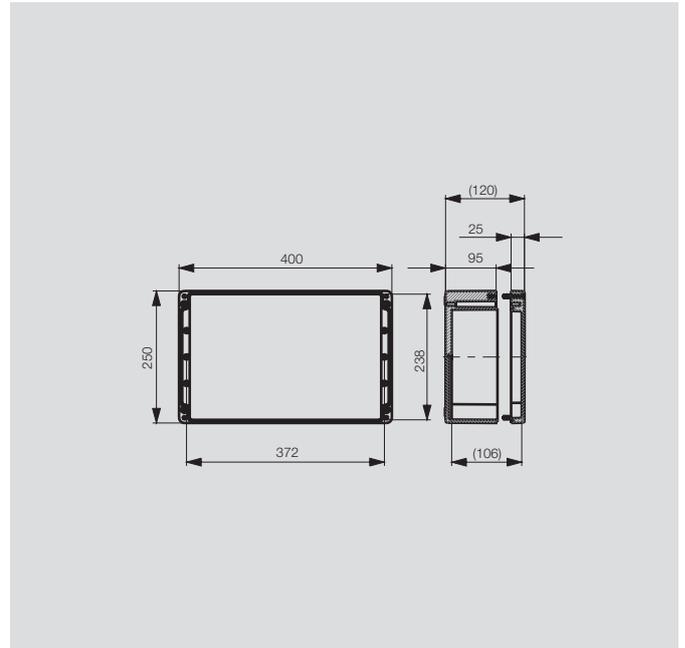
RAL 7001	Order No.
Standard, grey	1565430000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510290000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928180000
Mounting plate	Order No.
Steel sheet, galvanised	9510650000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511110000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.



Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	2x67
4 mm ²	*	2x55
6 mm ²	*	2x41
10 mm ²	*	2x33
16 mm ²	*	2x27



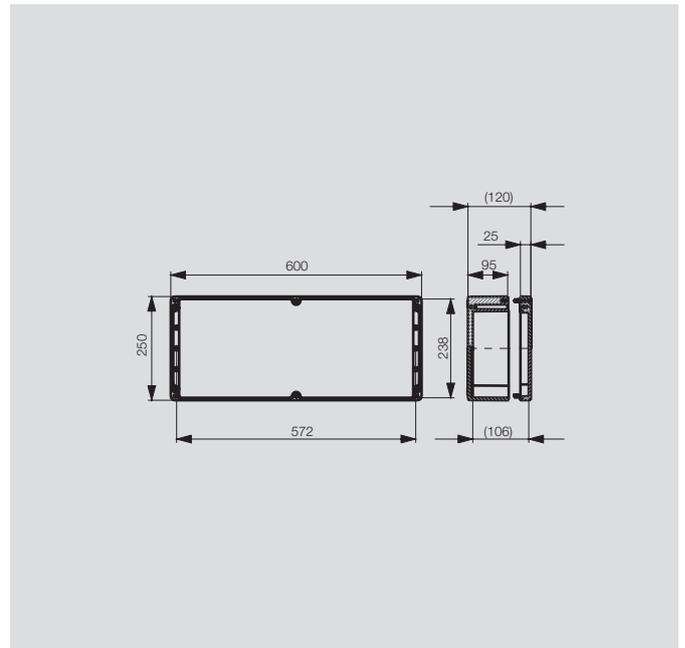
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	62	32
M16	54	21
M20	33	15
M25	18	8
M32	14	3
M40	6	3
M50	4	2
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 250 / 600 / 120 mm

Ordering data

RAL 7001	Order No.
Standard, grey	9510470000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510300000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928190000
Mounting plate	
Steel sheet, galvanised	9510660000
Mild steel nickel plated Spacer M6 x 8, set of 2	
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	
	1580360000
Brass plate, cruciform	
	9511120000
External mounting feet, set of 4	
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	2x107
4 mm ²	*	2x89
6 mm ²	*	2x66
10 mm ²	*	2x53
16 mm ²	*	2x44



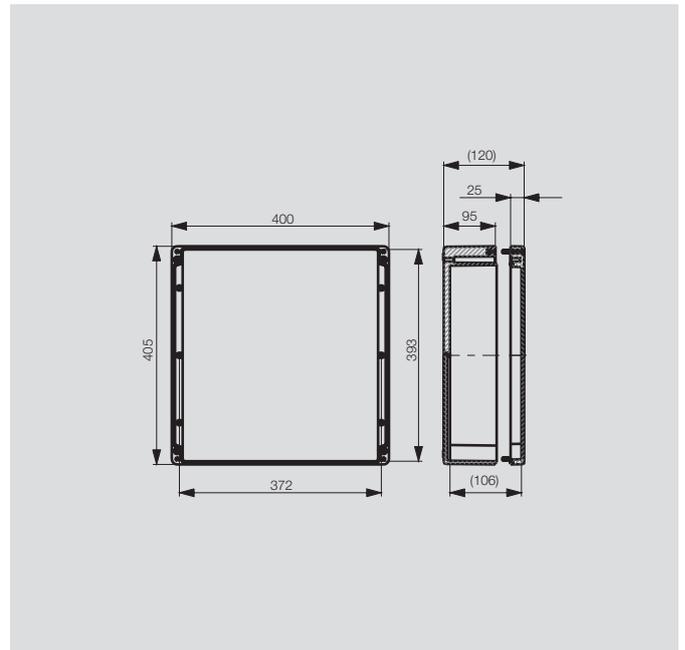
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no pre-defined mounting points set within this enclosure for installing internal equipment in a vertical position.

Number of cable entries

Number of cable entries	A / B	C / D
M12	96	32
M16	80	21
M20	24	15
M25	20	8
M32	20	3
M40	8	3
M50	6	2
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 405 / 400 / 120 mm

Ordering data

RAL 7001	Order No.
Standard, grey	1565440000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510310000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928180000
Mounting plate	Order No.
Steel sheet, galvanised	9510670000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511130000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	3x67
4 mm ²	*	3x55
6 mm ²	*	3x41
10 mm ²	*	3x33
16 mm ²	*	3x27



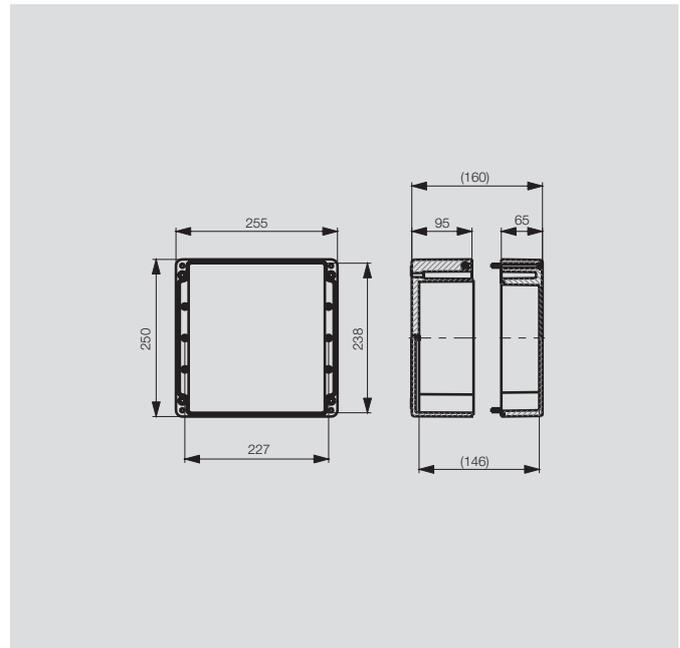
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no prescribed possible attachment points in the enclosures for vertical installations.

Number of cable entries

Number of cable entries	A / B	C / D
M12	62	60
M16	54	39
M20	33	30
M25	18	18
M32	14	7
M40	6	5
M50	4	4
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 250 / 255 / 160 mm

Ordering data

RAL 7001	Order No.
Standard, grey	9510530000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510360000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928170000
Mounting plate	Order No.
Steel sheet, galvanised	9510640000
Mild steel nickel plated Spacer M6 x 8, set of 2	Order No.
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	Order No.
	1580360000
Brass plate, cruciform	Order No.
	9511100000
External mounting feet, set of 4	Order No.
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	2x38
4 mm ²	*	2x31
6 mm ²	*	2x23
10 mm ²	*	2x19
16 mm ²	*	2x15



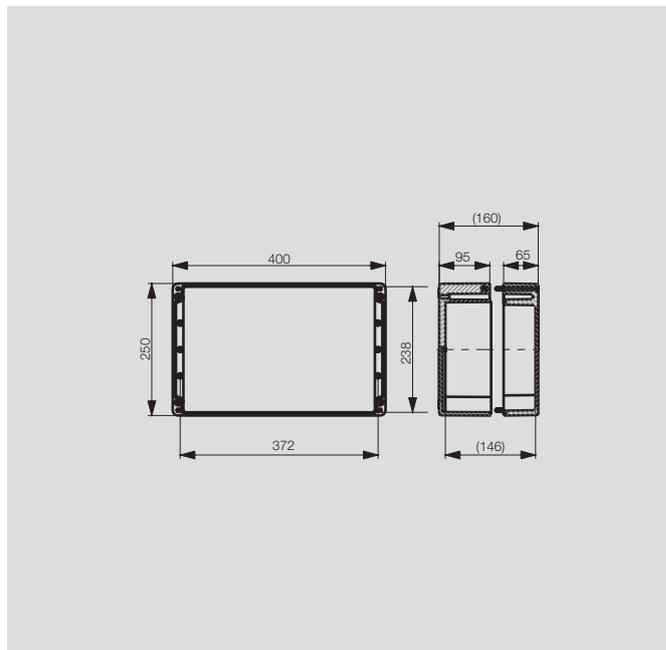
Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no prescribed possible attachment points in the enclosures for vertical installations.

Number of cable entries

Number of cable entries	A / B	C / D
M12	36	32
M16	32	21
M20	18	15
M25	10	8
M32	8	3
M40	3	3
M50	2	2
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.



Height/Width/Depth 250 / 400 / 160 mm

Ordering data

RAL 7001	Order No.
Standard, grey	9510540000
RAL 9011	Order No.
Enclosure for hazardous areas (Ex), black	9510370000

Note The overview page lists the ambient temperatures. The colours of painted enclosures may vary under certain circumstances.

Accessories

Terminal rail, Set	Order No.
15 mm width	1928180000
Mounting plate	
Steel sheet, galvanised	9510650000
Mild steel nickel plated Spacer M6 x 8, set of 2	
15 mm length	3896100000
20 mm length	3896200000
30 mm length	3896300000
Hinge, diecast zinc, Set	
	1580360000
Brass plate, cruciform	
	9511110000
External mounting feet, set of 4	
	9510910000

Note Accessories described above as sets, are supplied with fixing materials. For this enclosure only two hinges are required to be fitted to the longest side.

Max. number of terminals (industry)

Assembly with terminal	vertical	horizontal
2,5 mm ²	*	2x67
4 mm ²	*	2x55
6 mm ²	*	2x41
10 mm ²	*	2x33
16 mm ²	*	2x27



Note The mounting rails are designed to be installed directly. Assembly with terminals provides for 10 mm clearance to the ends of the mounting rail. Ordering recommendations: TS 35 mounting rail (screw-type terminals) WDU 2.5 1020000000 / (tension clamp terminals) ZDU 2.5 1608510000 *There are no prescribed possible attachment points in the enclosures for vertical installations.

Number of cable entries

Number of cable entries	A / B	C / D
M12	62	32
M16	54	21
M20	33	15
M25	18	8
M32	14	3
M40	6	3
M50	4	2
M63		



Note **Our IP68 plastic cable glands fitted without a brass plate (cruciform) serve as a reference for these recommended values.

Large polyester enclosures

The enclosures in the TBF series are made from sturdy glass-fibre reinforced polyester. They offer a universal solution for enclosing controllers, measuring instruments, valves and other devices.

Some of the many advantages of these cases are:

- Available in 9 sizes, with grey or transparent lids
- The lid has nylon screws fitted
- Mounting holes are outside the sealed area
- Thread for fitting to terminal rails and mounting plates

Weidmüller can manufacture and supply this enclosure to match customer specifications and fitted with all necessary terminals and cable glands.



Overview of enclosures

Ordering data

Description	Dimensions	Grey lid	Transparent lid
TBF 19/15	186 x 151 x 140	0360100000	0500500000
TBF 30/19	302 x 186 x 175	0360200000	0500600000
TBF 30/30	302 x 302 x 175	0360300000	0500700000
TBF 37/30	372 x 302 x 175	0360400000	0500800000
TBF 49/30	488 x 302 x 175 / 210	9502800000	9502800000
TBF 56/30	558 x 302 x 175 / 210	9502810000	9502810000
TBF 60/30	603 x 302 x 175 / 210	0360500000	0500900000
TBF 60/37	603 x 372 x 175 / 210	9502860000	9502860000
TBF 60/60	603 x 603 x 175 / 210	9502830000	9502870000

Note:

Technical Overview

Features

- Extremely tough and impact resistant thanks to the glass-fibre reinforced polyester
- Extremely weather resistant
- High IP rating
- Approved according to the latest international standards (e.g. GOST)

Note: We deliver enclosures through our assembly service which are ready to be connected and suitable for every application.

Technical data

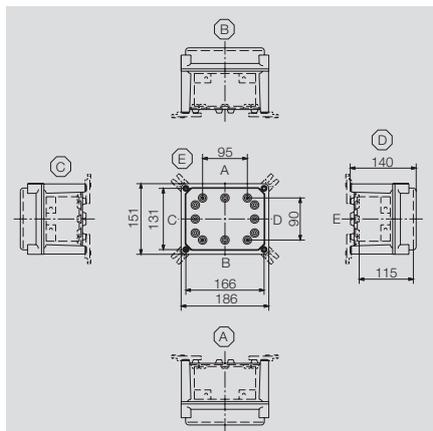
	Grey lid	Transparent lid
Enclosure material	Base and lid made of glass-fibre reinforced polyester (GRP)	Base made of glass-fibre reinforced polyester (GRP) Lid is polycarbonate (PC)
Surface finish	grey, similar to RAL 7035	
IP protection class	IP 67	IP 66
Installation mounting	4 or 6 M4 clamping screws	4 or 6 M4 clamping screws
Enclosure mounting	4 holes of 7 mm diameter or with external fastening lugs, see accessories	4 holes of 7 mm diameter or with external fastening lugs, see accessories
Lid fixing	4 or 6 captive cross-headed nylon screws	4 or 6 captive cross-headed nylon screws
Impact resistance	4 J	7 J
Gasket material	Polyurethane	Polyurethane
Temperature range	-50 °C...+150 °C	-50 °C...+130 °C
Flammability characteristics	UL 94 HB	V2
Toxicity	Free from halogens	Free from halogens

Note:



TBF 19/15

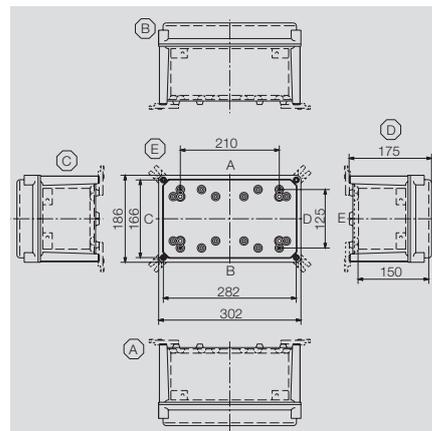
140 mm



186 x 151 x 140 mm

TBF 30/19

175 mm



302 x 186 x 175 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x11	1x18
1x9	1x15
1x7	1x7
1x6	1x9
1x4	1x6
1x3	1x5
A / B	C / D
11	11
6	6
2	2
2	2
1	1
1	1

Note

vertical	horizontal
2x22	1x44
2x18	1x37
2x14	2x14
2x11	1x22
2x8	1x16
2x7	1x14
A / B	C / D
28	53
14	30
11	22
6	10
3	5
3	3
1	3
1	2

Note

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
TBF 19/15/14 7035	1	0360100000
TBF 19/15/14 trsp	1	0500500000

Note

Type	Qty.	Order No.
TBF 30/19/18 7035	1	0360200000
TBF 30/19/18 trsp	1	0500600000

Note

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4

Polyamide



Earthing stud

- M6, Brass
- M6, Stainless steel
- M10, Brass
- M10, Stainless steel



Spacer

15 mm length



Expansion frame

Polyamide



Note

Type	Qty.	Order No.
MP TBF 19/15	1	9502720000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000
EF TBF 19/15	1	9502930000

If using an extension frame, the protection class (IP) is reduced.

Type	Qty.	Order No.
MP TBF 30/19	1	3018950000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000

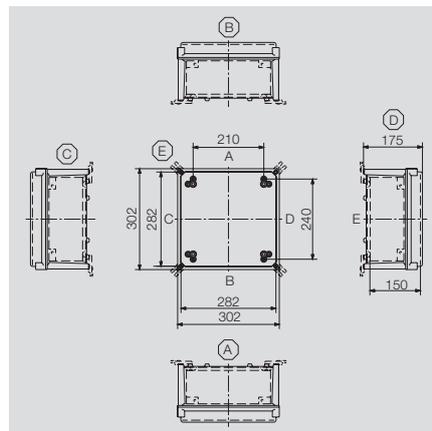
Note

TBF 30/30

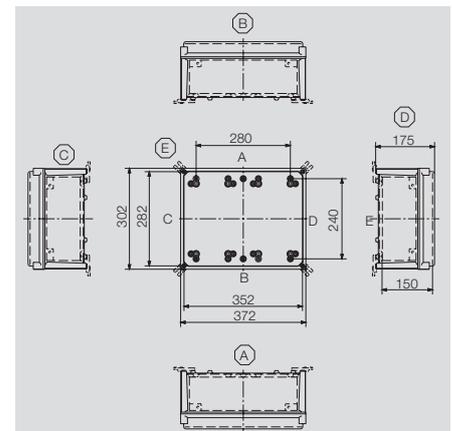
175 mm

TBF 37/30

175 mm



302 x 302 x 175 mm



372 x 302 x 175 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

	vertical	horizontal
	2x44	1x44
	2x37	1x37
	2x28	2x28
	2x22	1x22
	2x16	1x16
	2x14	1x14
	A / B	C / D
	44	44
	24	24
	20	20
	10	10
	4	4
	3	3
	3	3
	2	2

	vertical	horizontal
	2x57	2x44
	2x48	2x37
	2x36	2x36
	2x29	2x22
	2x21	2x16
	2x18	2x14
	A / B	C / D
	44	56
	24	30
	20	27
	10	12
	4	5
	3	4
	3	4
	2	3

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
TBF 30/30/18 7035	1	0360300000
TBF 30/30/18 trsp	1	0500700000

Type	Qty.	Order No.
TBF 37/30/18 7035	1	0360400000
TBF 37/30/18 trsp	1	0500800000

Accessories

Mounting plate

Steel sheet, galvanised

External mounting lug, set of 4

Polyamide

Earthing stud

- M6, Brass
- M6, Stainless steel
- M10, Brass
- M10, Stainless steel

Spacer

15 mm length

Expansion frame

Polyamide

Note

Type	Qty.	Order No.
MP TBF 30/30	1	9502730000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000
EF TBF 30/30	1	9502950000

If using an extension frame, the protection class (IP) is reduced.

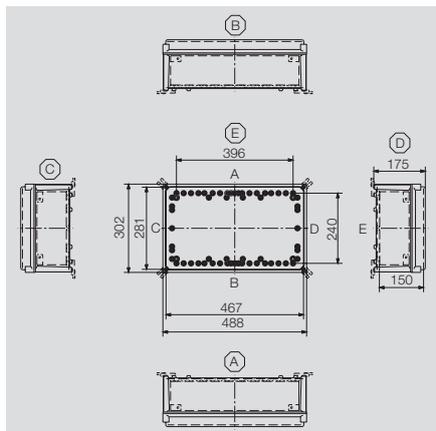
Type	Qty.	Order No.
MP TBF 37/30	1	9502740000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000
EF TBF 37/30	1	9502960000

If using an extension frame, the protection class (IP) is reduced.



TBF 49/30

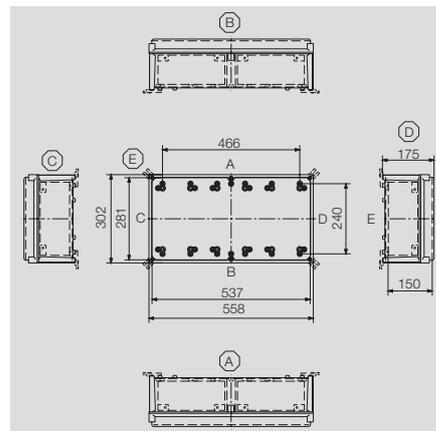
210 mm



488 x 302 x 210 mm

TBF 56/30

210 mm



558 x 302 x 210 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

	vertical	horizontal
	2x80	3x44
	2x67	3x37
	2x51	2x51
	2x41	3x22
	2x29	3x16
	2x25	3x14
	A / B	C / D
	44	42
	24	42
	20	36
	10	18
	4	7
	3	5
	3	5
	2	4

	vertical	horizontal
	2x94	4x44
	2x79	4x37
	2x59	2x59
	2x48	4x22
	2x34	4x16
	2x30	4x14
	A / B	C / D
	44	80
	24	46
	20	40
	10	18
	4	8
	3	6
	3	4
	2	4

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
TBF 49/30/18 7035	1	9502800000
TBF 49/30/21 trsp	1	9502840000

Grey lid: 130 mm internal height, 175 mm total height
Transparent lid: 160mm internal height, 210 mm total height

Type	Qty.	Order No.
TBF 56/30/18 7035	1	9502810000
TBF 56/30/21 trsp	1	9502850000

Grey lid: 130 mm internal height, 175 mm total height
Transparent lid: 160mm internal height, 210 mm total height

Accessories

Mounting plate

Steel sheet, galvanised

External mounting lug, set of 4

Polyamide

Earthing stud

- M6, Brass
- M6, Stainless steel
- M10, Brass
- M10, Stainless steel

Spacer

15 mm length

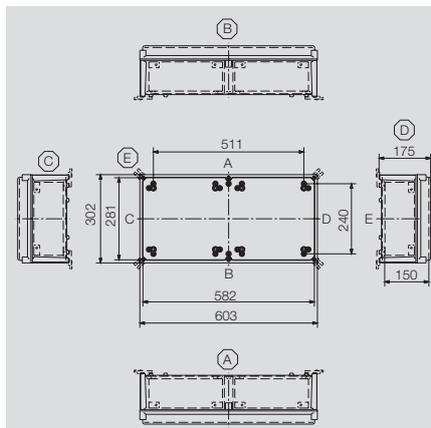
Type	Qty.	Order No.
MP TBF 49/30	1	9500960000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000

Type	Qty.	Order No.
MP TBF 56/30	1	9500950000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000

Note

TBF 60/30

210 mm



Height/Width/Depth

603 x 302 x 210 mm

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
5x44	1x101
5x37	1x85
5x28	5x28
5x22	1x51
5x16	1x37
5x14	1x32
A / B	C / D
44	88
24	48
20	40
10	20
4	8
3	6
3	6
2	4

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
TBF 60/30/18 7035	1	0360500000
TBF 60/30/21 trsp	1	0500900000

Grey lid: 130 mm internal height, 175 mm total height
Transparent lid: 160mm internal height, 210 mm total height

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4

Polyamide



Earthing stud

- M6, Brass
- M6, Stainless steel
- M10, Brass
- M10, Stainless steel



Spacer

15 mm length



Expansion frame

Polyamide



Note

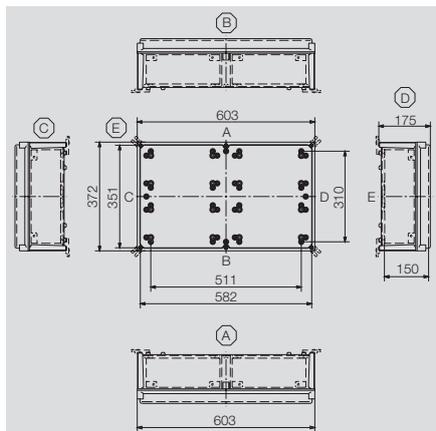
Type	Qty.	Order No.
MP TBF 60/30	1	9502750000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000
EF TBF 60/30	1	9502990000

If using an extension frame, the protection class (IP) is reduced.



TBF 60/37

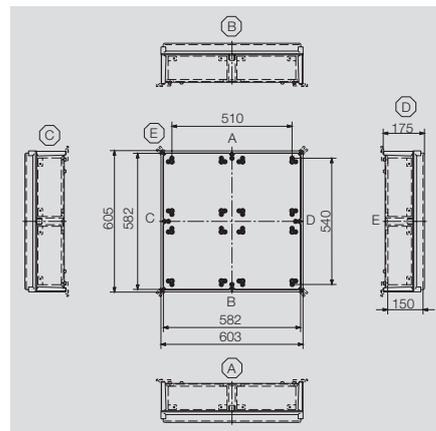
210 mm



603 x 372 x 210 mm

TBF 60/60

210 mm



603 x 605 x 210 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

	vertical	horizontal
	5x57	2x101
	5x48	2x85
	5x36	5x36
	5x29	2x51
	5x21	2x37
	5x18	2x32
	A / B	C / D
	52	88
	30	48
	26	40
	12	20
	5	8
	4	6
	4	6
	3	4

Note

	vertical	horizontal
	5x101	4x101
	5x85	4x85
	5x64	5x64
	5x51	4x51
	5x37	4x37
	5x32	4x32
	A / B	C / D
	88	88
	48	48
	40	40
	20	20
	8	8
	6	6
	6	6
	4	4

Note

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
TBF 60/37/18 7035	1	9502820000
TBF 60/37/21 trsp	1	9502860000

Grey lid: 130 mm internal height, 175 mm total height
Transparent lid: 160mm internal height, 210 mm total height

Note

Type	Qty.	Order No.
TBF 60/60/18 7035	1	9502830000
TBF 60/60/21 trsp	1	9502870000

Grey lid: 130 mm internal height, 175 mm total height
Transparent lid: 160mm internal height, 210 mm total height

Note

Accessories

Mounting plate

Steel sheet, galvanised

External mounting lug, set of 4

Polyamide

Earthing stud

- M6, Brass
- M6, Stainless steel
- M10, Brass
- M10, Stainless steel

Spacer

15 mm length

Expansion frame

Polyamide

Note

Type	Qty.	Order No.
MP TBF 60/37	1	9502910000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000
EF TBF 60/37	1	9503000000

If using an extension frame, the protection class (IP) is reduced.

Type	Qty.	Order No.
MP TBF 60/60	1	9502920000
MF TBF	1	0360800000
ES TBF M6 brass	1	9502700000
ES TBF M6 ss	1	9505240000
ES TBF M10 brass	1	9502710000
ES TBF M10 ss	1	9500870000
SP TBF 15	50	9503170000
EF TBF 60/60	1	9503010000

If using an extension frame, the protection class (IP) is reduced.

Small polycarbonate enclosures

The polycarbonate enclosures of the MPC series are ideal for enclosing electrical, electro-mechanical and pneumatic devices as well as PCBs. The enclosures are used in situations with extreme mechanical and chemical conditions.

The characteristics of the enclosures are:

- Available in 17 sizes, with grey or transparent lids
- Lid fixing screws equipped with sealing holes
- Fixing holes outside the sealed area
- Thread for fitting to terminal rails, mounting plates and PCBs

Weidmüller can manufacture and supply this enclosure to match customer specifications and fitted with all necessary terminals and cable glands.



Overview of enclosures

Ordering data

Description	Dimensions	Grey lid	Transparent lid
MPC 07/12/07	75 x 125 x 75	9535170000	9535180000
MPC 07/12/10	75 x 125 x 100	9535190000	9535200000
MPC 07/12/12	75 x 125 x 120	9535210000	9535220000
MPC 12/12/07	120 x 120 x 75	9535230000	9535240000
MPC 12/12/10	120 x 120 x 100	9535250000	9535260000
MPC 12/12/12	120 x 120 x 120	9535270000	9535280000
MPC 12/17/07	120 x 175 x 75	9535290000	9535300000
MPC 12/17/10	120 x 175 x 100	9535310000	9535320000
MPC 12/17/12	120 x 175 x 120	9535330000	9535340000
MPC 12/17/15	120 x 175 x 150	9535350000	9535360000
MPC 17/17/07	175 x 175 x 75	9535370000	9535380000
MPC 17/17/10	175 x 175 x 100	9535390000	9535400000
MPC 17/17/12	175 x 175 x 120	9535410000	9535420000
MPC 17/17/15	175 x 175 x 150	9535430000	9535440000
MPC 17/25/10	175 x 250 x 100	9535450000	9535460000
MPC 18/25/07	180 x 250 x 75	9535470000	9535480000
MPC 18/25/15	180 x 250 x 150	9535490000	9535500000

Note:

Technical Overview

Features

- High thermal stability thanks to the polycarbonate
- Extremely tough and impact resistant thanks to the high fibre-glass content.
- Good IP rating, due to use of polyurethane (PUR) gasket material
- Approved according to the latest international standards

Note: We deliver enclosures through our assembly service which are ready to be connected and suitable for every application.

Technical data

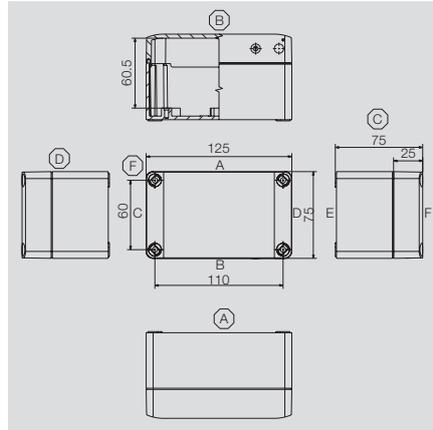
Enclosure material	Polycarbonate
Cover	Grey or transparent
Surface finish	grey, similar to RAL 7035
IP protection class	IP 66, IP 67
Installation mounting	Self-tapping screws
Enclosure mounting	4 holes (4.5 mm diameter) or external mounting brackets (optional)
Lid fixing	4 cross-head screws (polyamide)
Gasket material	Polyurethane foam
Temperature range	-50 °C...+130 °C

Note:



MPC 07/12/07

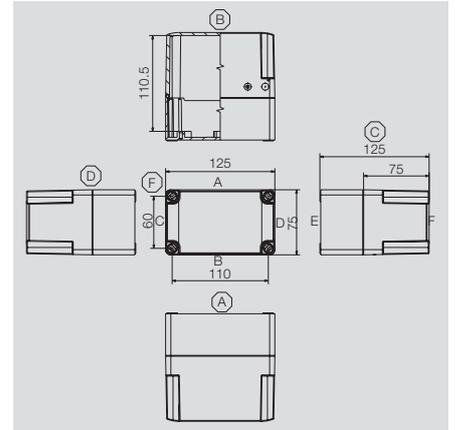
75 mm



125 x 75 x 75 mm

MPC 07/12/12

125 mm



125 x 75 x 125 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x13	1x13
1x11	1x11
1x8	1x8
1x6	1x6

A / B	C / D
1	4
1	3
1	3

It is possible to mount the WDU terminal blocks on a TS 35.

vertical	horizontal
1x13	1x13
1x11	1x11
1x8	1x8
1x6	1x6
1x5	1x1
1x4	1x1

A / B	C / D
1	4
1	3
1	3

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
MPC 07/12/07 7035	1	9535170000
MPC 07/12/07 trsp	1	9535180000

Type	Qty.	Order No.
MPC 07/12/12 7035	1	9535210000
MPC 07/12/12 trsp	1	9535220000

Accessories

Mounting plate

Steel sheet, galvanised

External mounting lug, set of 4

Hinge, set of 2

Type	Qty.	Order No.
MP MPC 07/12	10	9535540000
MF MPC	1	9535600000
HG MPC	1	9535590000

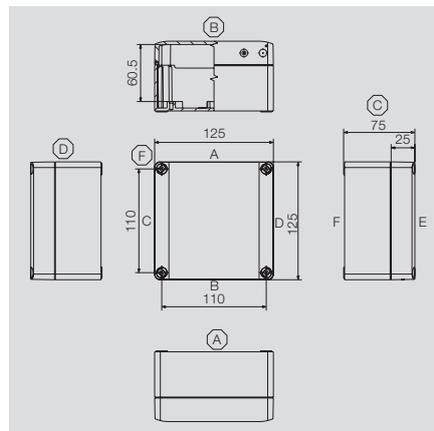
Type	Qty.	Order No.
MP MPC 07/12	10	9535540000
MF MPC	1	9535600000
HG MPC	1	9535590000

Note



MPC 12/12/07

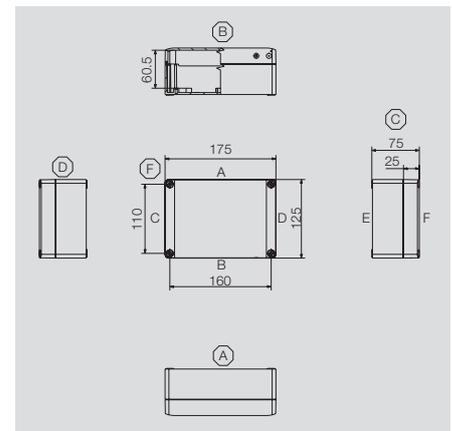
75 mm



125 x 125 x 75 mm

MPC 12/17/07

75 mm



175 x 125 x 75 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x13	1x13
1x11	1x11
1x8	1x8
1x6	1x6

A / B	C / D
4	4
3	3
3	

It is possible to mount the WDU terminal blocks on a TS 35.

vertical	horizontal
1x22	1x22
1x19	1x19
1x14	1x14
1x11	1x11

A / B	C / D
4	6
3	4
3	4

It is possible to mount the WDU terminal blocks on a TS 35.

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
MPC 12/12/07 7035	1	9535230000
MPC 12/12/07 trsp	1	9535240000

Type	Qty.	Order No.
MPC 12/17/07 7035	1	9535290000
MPC 12/17/07 trsp	1	9535300000

Accessories

Mounting plate

Steel sheet, galvanised

External mounting lug, set of 4

Hinge, set of 2

Type	Qty.	Order No.
MP MPC 12/12	10	9535550000
MF MPC	1	9535600000
HG MPC	1	9535590000

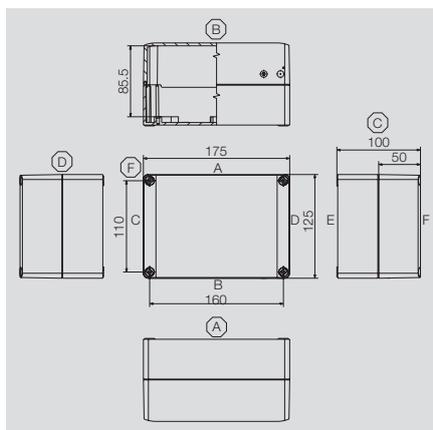
Type	Qty.	Order No.
MP MPC 12/17	10	9535560000
MF MPC	1	9535600000
HG MPC	1	9535590000

Note



MPC 12/17/10

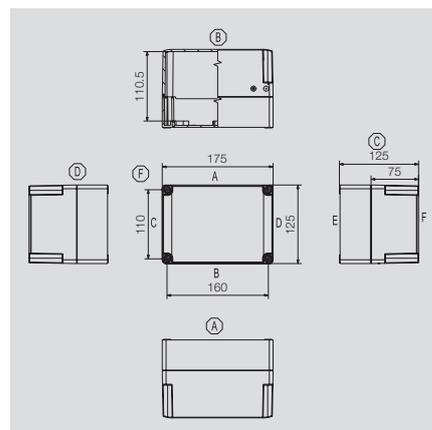
100 mm



175 x 125 x 100 mm

MPC 12/17/12

125 mm



175 x 125 x 125 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x22	1x22
1x19	1x19
1x14	1x14
1x11	1x11
1x9	1x5
1x7	1x4
A / B	C / D
4	6
3	4
3	4

It is possible to mount the WDU terminal blocks on a TS 35.

vertical	horizontal
1x13	1x22
1x11	1x19
1x8	1x8
1x6	1x11
1x5	1x5
1x4	1x4
A / B	C / D
4	6
3	4
3	4

It is possible to mount the WDU terminal blocks on a TS 35.

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
MPC 12/17/10 7035	1	9535310000
MPC 12/17/10 trsp	1	9535320000

Type	Qty.	Order No.
MPC 12/17/12 7035	1	9535330000
MPC 12/17/12 trsp	1	9535340000

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4



Hinge, set of 2



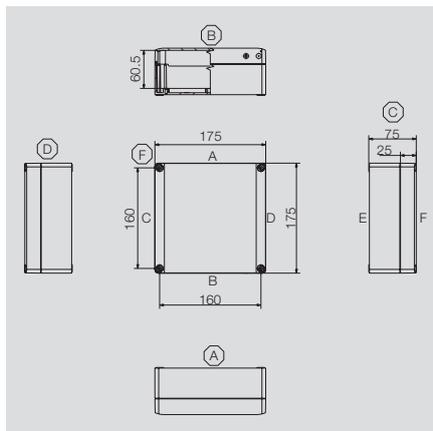
Type	Qty.	Order No.
MP MPC 12/17	10	9535560000
MF MPC	1	9535600000
HG MPC	1	9535590000

Type	Qty.	Order No.
MP MPC 12/17	10	9535560000
MF MPC	1	9535600000
HG MPC	1	9535590000

Note

MPC 17/17/07

75 mm



Height/Width/Depth

175 x 175 x 75 mm

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x22	1x22
1x19	1x19
1x14	1x14
1x11	1x11

A / B	C / D
6	6
4	4
4	

It is possible to mount the WDU terminal blocks on a TS 35.

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
MPC 17/17/07 7035	1	9535370000
MPC 17/17/07 trsp	1	9535380000

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4



Hinge, set of 2



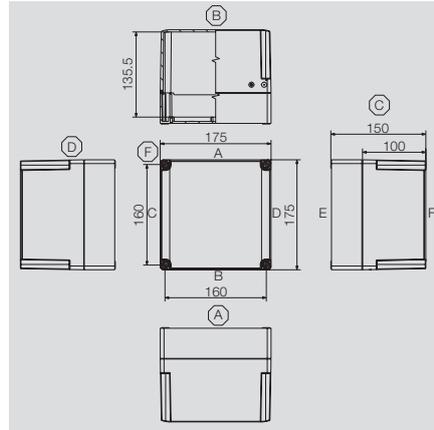
Type	Qty.	Order No.
MP MPC 17/17	10	9535570000
MF MPC	1	9535600000
HG MPC	1	9535590000

Note



MPC 17/17/15

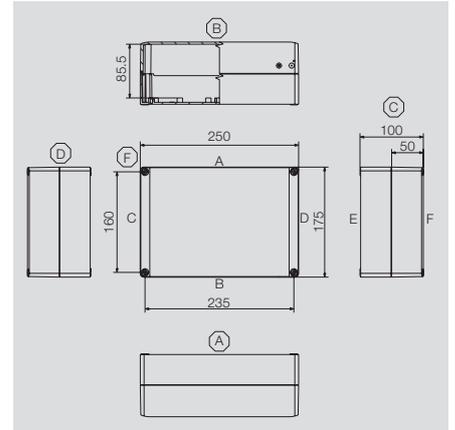
150 mm



175 x 175 x 150 mm

MPC 17/25/10

100 mm



250 x 175 x 100 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x22	1x22
1x19	1x19
1x14	1x14
1x11	1x11
1x9	1x9
1x7	1x7
A / B	C / D
6	6
4	4
4	

Note

vertical	horizontal
1x37	1x37
1x31	1x31
1x23	1x23
1x19	1x19
1x15	1x9
1x11	1x7
A / B	C / D
6	9
4	7
4	6

Note

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
MPC 17/17/15 7035	1	9535430000
MPC 17/17/15 trsp	4	9535440000

Note

Type	Qty.	Order No.
MPC 17/25/10 7035	1	9535470000
MPC 17/25/10 trsp	1	9535480000

Note

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4



Hinge, set of 2



Type	Qty.	Order No.
MP MPC 17/17	10	9535570000
MF MPC	1	9535600000
HG MPC	1	9535590000

Note

Type	Qty.	Order No.
MP MPC 17/25	1	9535580000
MF MPC	1	9535600000
HG MPC	1	9535590000

Note

Note

Medium-sized polycarbonate enclosures

The FPC enclosure series is the next generation of the MPC series. The enclosures have the same technical characteristics and are ideal for enclosing electrical, electro-mechanical and pneumatic devices and PCBs. The enclosures are used in situations where extreme mechanical and chemical conditions exist.

The characteristics of the enclosures are:

- Available in 6 sizes, with grey or transparent lids
- Lid fixing screws equipped with sealing holes
- Fixing holes outside the sealed area
- Thread for fitting to terminal rails, mounting plates and PCBs

Weidmüller can manufacture and supply this enclosure to match customer specifications and fitted with all necessary terminals and cable glands.



Overview of enclosures

Ordering data

Description	Dimensions [mm]	Grey lid	Transparent lid
FPC 20/20/13	200 x 200 x 130	9535690000	9535680000
FPC 20/30/13	300 x 200 x 130	9535710000	9535700000
FPC 20/40/13	400 x 200 x 130	9535730000	9535720000
FPC 30/30/13	300 x 300 x 130	9535750000	9535740000
FPC 30/40/13	400 x 300 x 130	9535770000	9535760000
FPC 40/60/13	600 x 400 x 130	9535810000	9535820000

Note:

Technical data

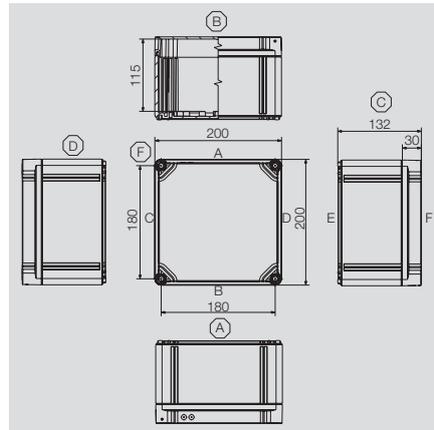
Enclosure material	Polycarbonate
Cover	Grey or transparent
Surface finish	Grey, similar to RAL 7035
IP protection class	IP 66, IP 67
Installation mounting	Self-tapping screws
Enclosure mounting	4 holes (7.5 mm diameter) or external mounting brackets (optional)
Lid fixing	4 cross-head screws (polyamide)
Gasket material	Polyurethane foam
Temperature range	-50 °C...+130 °C

Note:



FPC 20/20/13

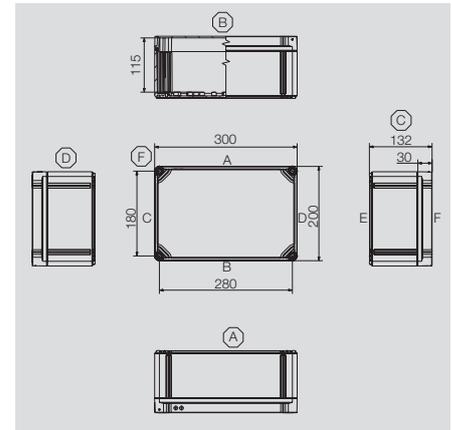
132 mm



200 x 200 x 132 mm

FPC 20/30/13

132 mm



200 x 300 x 132 mm

Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

vertical	horizontal
1x17	1x17
1x14	1x14
1x10	1x10
1x8	1x8
1x7	1x7
1x5	1x5
A / B	C / D
20	20
11	11
6	6
4	4
2	2
1	1
1	1
1	1

Note

vertical	horizontal
2x20	1x40
2x17	1x33
2x13	2x13
2x10	1x20
2x8	1x17
2x6	1x12
A / B	C / D
38	20
21	11
12	6
8	4
3	2
3	1
2	1
2	1

Note

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
FPC 20/20/13 7035	1	9535690000
FPC 20/20/13 trsp	1	9535680000

Note

Type	Qty.	Order No.
FPC 20/30/13 7035	1	9535710000
FPC 20/30/13 trsp	1	9535700000

Note

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4



Hinge, set of 2



Type	Qty.	Order No.
MP FPC 20/20	1	9535920000
MF FPC	1	9536040000
HG FPC	1	9535990000

Note

Type	Qty.	Order No.
MP FPC 20/30	1	9535930000
MF FPC	1	9536040000
HG FPC	1	9535990000

Note

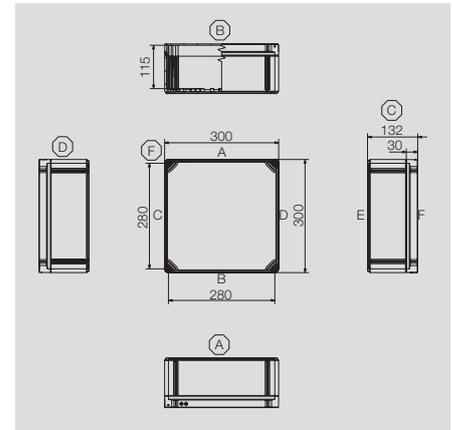
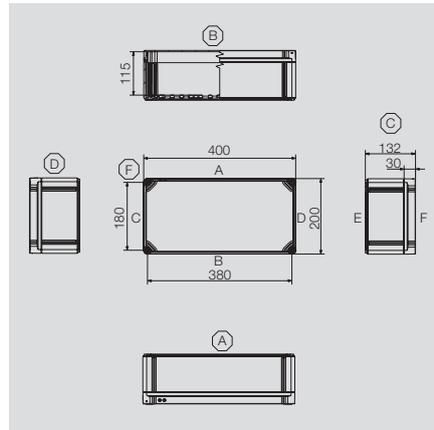
Note

FPC 20/40/13

132 mm

FPC 30/30/13

132 mm



Height/Width/Depth

200 x 400 x 132 mm

300 x 300 x 132 mm

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

	vertical	horizontal
	3x20	1x59
	3x17	1x49
	3x13	3x13
	3x10	1x30
	3x8	1x25
	3x6	1x19
A / B	C / D	
56	20	
30	11	
18	6	
12	4	
5	2	
4	1	
4	1	
3	1	

	vertical	horizontal
	2x40	1x40
	2x33	1x33
	2x25	2x25
	2x20	1x20
	2x17	1x17
	2x12	1x12
A / B	C / D	
38	38	
21	21	
12	12	
8	8	
3	3	
3	3	
2	2	
2	2	

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Type	Qty.	Order No.
FPC 20/40/13 7035	1	9535730000
FPC 20/40/13 trsp	1	9535720000

Type	Qty.	Order No.
FPC 30/30/13 7035	1	9535750000
FPC 30/30/13 trsp	1	9535740000

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4



Hinge, set of 2



Type	Qty.	Order No.
MP FPC 20/40	1	9535940000
MF FPC	1	9536040000
HG FPC	1	9535990000

Type	Qty.	Order No.
MP FPC 30/30	1	9535950000
MF FPC	1	9536040000
HG FPC	1	9535990000

Note



Height/Width/Depth

Technical data

Assembly with terminal

- 2.5 mm²
- 4 mm²
- 6 mm²
- 10 mm²
- 16 mm²
- 35 mm²

Number of cable entries

- M12
- M16
- M20
- M25
- M32
- M40
- M50
- M63
- M75

Note

Ordering data

- Enclosure with grey lid
- Enclosure with transparent lid

Note

Accessories

Mounting plate

Steel sheet, galvanised



External mounting lug, set of 4



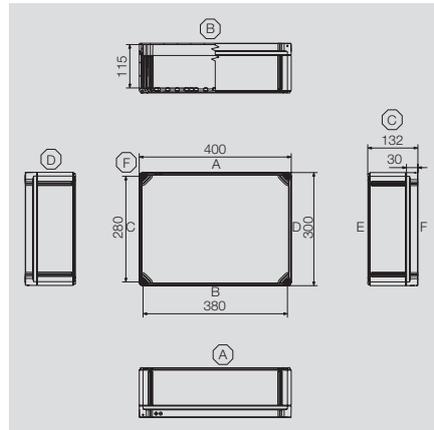
Hinge, set of 2



Note

FPC 30/40/13

132 mm



300 x 400 x 132 mm

	vertical	horizontal
	3x40	1x59
	3x33	1x49
	3x25	3x25
	3x20	1x30
	3x17	1x25
	3x12	1x19
	A / B	C / D
	56	38
	30	21
	18	12
	12	8
	5	3
	4	3
	4	2
	3	2

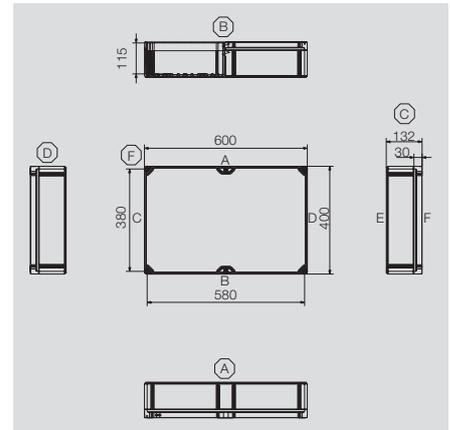
Type	Qty.	Order No.
FPC 30/40/13 7035	1	9535770000
FPC 30/40/13 trsp	1	9535760000

Type	Qty.	Order No.
MP FPC 30/40	1	9535960000
MF FPC	1	9536040000
HG FPC	1	9535990000

Note

FPC 40/60/13

132 mm



400 x 600 x 132 mm

	vertical	horizontal
	5x59	2x97
	5x49	2x81
	5x37	5x37
	5x30	2x49
	5x25	2x41
	5x19	2x31
	A / B	C / D
	76	56
	42	30
	24	18
	16	12
	6	5
	6	4
	4	4
	4	3

Type	Qty.	Order No.
FPC 40/60/13 7035	1	9535810000
FPC 40/60/13 trsp	1	9535820000

Type	Qty.	Order No.
MP FPC 40/60	1	9535980000
MF FPC	1	9536040000
HG FPC	1	9535990000

Note