
Polyester CombiBox

Applications





- Polyester GRP enclosure systems for industrial application
- Two level fitting possibility
- Combination of several enclosures by connecting flange

Including in delivery:

Enclosure consisting of lid and base with screws, individual inner height adjustment of mounting frame and mounting plate by 4 fixing elements

Technical data**Material:**

glassfibre reinforced duroplastic Polyester

Colour:

RAL 7000, squirrel grey

special colour on request

Ingress protection:

IP 66, EN 60529

Impact resistance:

7 Joule, EN 60079-0

Flammability:

self-extinguishing, UL 94/V0

Surface resistance:

$>10^{12}$ Ohm, IEC 60093

Disruptive strength:

18 KV/mm, IEC 60243-1

Toxicity:

halogen free

Temperature range:

PU (polyurethane) seal: -40°C to +90°C

CR (chloroprene) seal: -40°C to +100°C

VMQ (silicone) seal (optional): -60°C to +130°C

Polyester CombiBox

Programme range

Order No.	Order No. EMC version	Type	Dimensions (mm)
02.01 22 15	02.02 22 15	Combibox 1	177 x 177 x 145
02.01 24 15	02.02 24 15	Combibox 2	360 x 177 x 145
02.01 44 15	02.02 44 15	Combibox 3	360 x 360 x 145

Accessories

02.01 99 01	CombiBox flange
02.01 99 02	CombiBox 1 mounting frame 177 x 177 mm
02.01 99 03	CombiBox 2 mounting frame 177 x 360 mm
02.01 99 04	CombiBox 3 mounting frame 360 x 360 mm
02.01 99 05	CombiBox mounting frame fastening set
02.01 99 06	CombiBox lid safety strip
02.01 99 07	CombiBox well nut set
10.06 14 85	DIN rail TS 35/7.5 160 mm
10.06 14 86	DIN rail TS 35/7.5 110 mm
10.06 14 87	DIN rail TS 35/7.5 145 mm
10.06 14 88	DIN rail TS 35/7.5 293 mm

Terminal mounting

Phoenix																Earth conductor connections																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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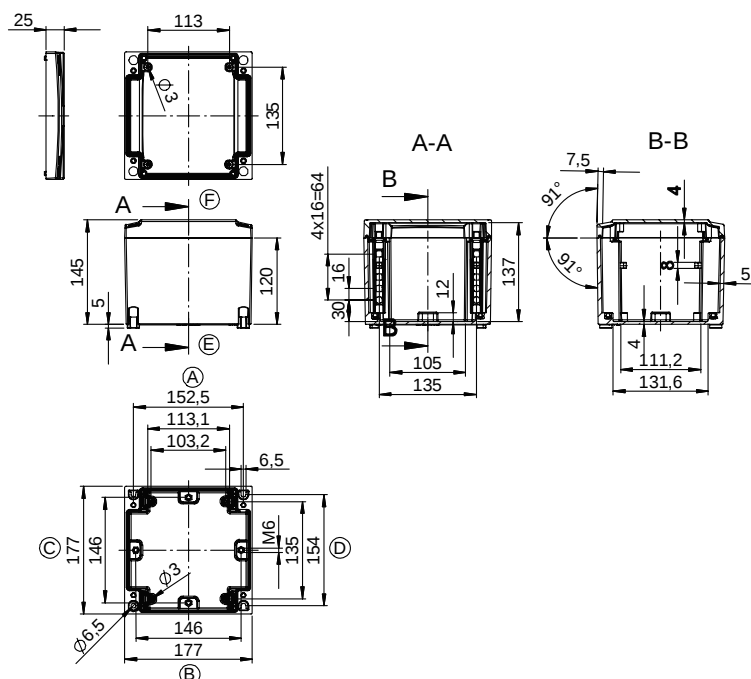
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Type: **02.01 22 15**

External dimensions: **177 x 177 x 145 mm**

Weight: **1710 g**

DIN rail length in mm	max. fitting length in mm	Mounting plate (thickness in mm)	External mounting brackets	Lid safety strip	EMC version	Allen lid screws	Silicone lid seal	Sealable lid screws
TS 35								
152	115	1,5		•	•		•	



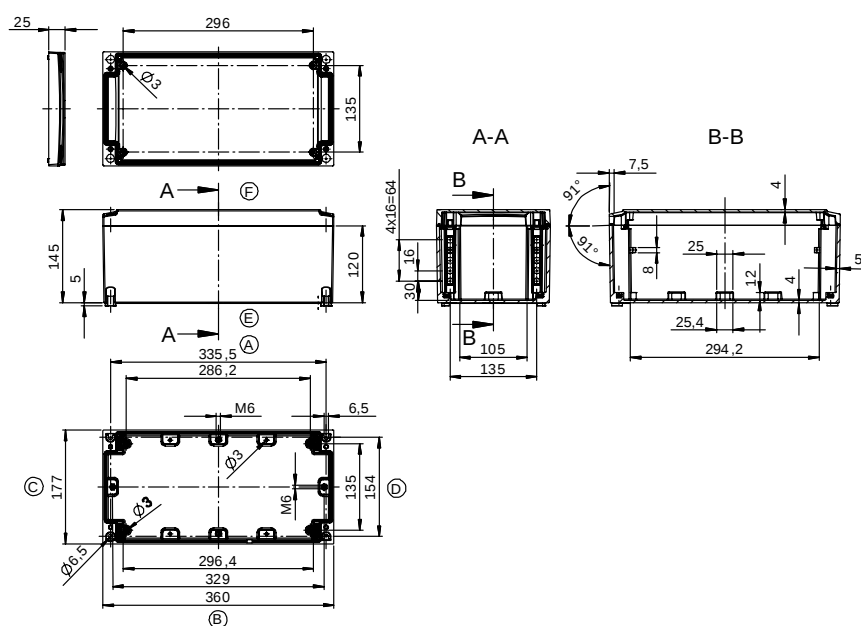
Maximum number of cable glands to DIN 50262*							
A C B D							
M	Cor- ner dim.	Side		PG	Cor- ner dim.	Side	
		A B	C D			A B	C D
12	17,25	36	36	7	17,25	36	36
16	25,30	16	16	9	21,85	20	20
20	27,60	12	12	11	25,30	16	16
25	37,95	6	6	13,5	27,60	12	12
32	48,30	4	4	16	31,05	10	10
40	60,95	2	2	21	37,95	6	6
50	69,00	1	1	29	48,30	4	4
63	74,75			36	60,95	2	2
				42	69,00	1	1
				48	74,75	1	1

Type: **02.01 24 15**

External dimensions: **360 x 177 x 145 mm**

Weight: **2730 g**

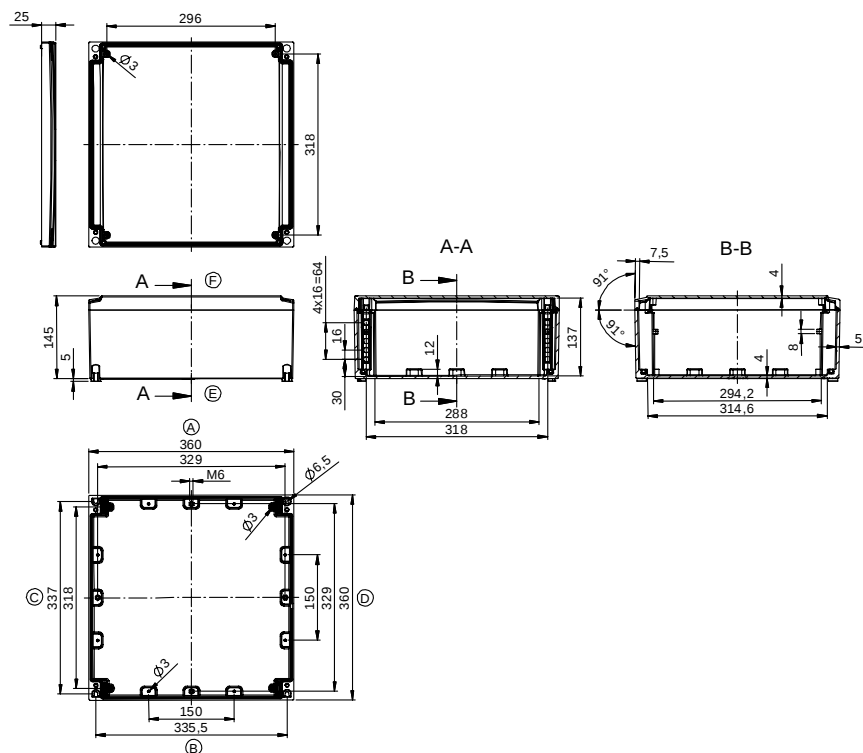
DIN rail length in mm	max. fitting length in mm	Mounting plate (thickness in mm)	External mounting brackets	Lid safety strip	EMC version	Allen lid screws	Silicone lid seal	Sealable lid screws
TS 35								
333	285	15		•	•		•	



Maximum number of cable glands to DIN 50262*							
A C B D							
M	Cor- ner dim.	Side		PG	Cor- ner dim.	Side	
		A B	C D			A B	C D
12	17,25	109	36	7	17,25	109	36
16	25,30	50	16	9	21,85	65	20
20	27,60	40	12	11	25,30	48	16
25	37,95	21	6	13,5	27,60	40	12
32	48,30	12	4	16	31,05	32	10
40	60,95	9	2	21	37,95	21	6
50	69,00	5	1	29	48,30	12	4
63	74,75	4	1	36	60,95	7	2
				42	69,00	5	1
				48	74,75	4	1

Type: **02.01 44 15**External dimensions: **177 x 360 x 145 mm**Weight: **4050 g**

DIN rail length in mm	max. fitting length in mm	Mounting plate (thickness in mm)	External mounting brackets	Lid safety strip	EMC version	Allen lid screws	silicone lid seal	sealable lid screws
TS 35 333	285	1,5		•	•		•	

Maximum number of cable glands to **DIN 50262***

M	Corner dim.	Side		PG	Corner dim.	Side	
		A	B			A	B
12	17,25	109	109	7	17,25	109	109
16	25,30	50	50	9	21,85	65	65
20	27,60	40	40	11	25,30	48	48
25	37,95	21	21	13,5	27,60	40	40
32	48,30	12	12	16	31,05	32	32
40	60,95	9	9	21	37,95	21	21
50	69,00	5	5	29	48,30	12	12
63	74,75	4	4	36	60,95	7	7
				42	69,00	5	5
				48	74,75	4	4