



- Polyester GRP enclosure systems of polyester resin 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 system and height adjustment of mounting frame and mounting plate by 4 fixing elements

## Technical data

#### Material:

glass fibre 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

#### Insulation:

fully insulated to VDE 0100

#### 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

## Product range

Order No.	Order No. EMC version	Type	Dimensions (mm)
<b>02.01 22 15</b>	<b>02.02 22 15</b>	CombiBox 1	177 x 177 x 145
<b>02.01 24 15</b>	<b>02.02 24 15</b>	CombiBox 2	360 x 177 x 145
<b>02.01 44 15</b>	<b>02.02 44 15</b>	CombiBox 3	360 x 360 x 145

## Accessories

<b>02.01 99 01</b>	Flange
<b>02.01 99 02</b>	Mounting frame 177 x 177 mm CombiBox 1
<b>02.01 99 03</b>	Mounting frame 177 x 360 mm CombiBox 2
<b>02.01 99 04</b>	Mounting frame 360 x 360 mm CombiBox 3
<b>02.01 99 05</b>	Mounting frame fastening set
<b>02.01 99 06</b>	Lid safety strip
<b>02.01 99 07</b>	Well nut set
<b>02.01 99 10</b>	Mounting plate CombiBox 1
<b>02.01 99 11</b>	Mounting plate CombiBox 2
<b>02.01 99 12</b>	Mounting plate CombiBox 3
<b>10.06 14 85</b>	DIN rail TS 35/7.5 160 mm
<b>10.06 14 86</b>	DIN rail TS 35/7.5 110 mm
<b>10.06 14 87</b>	DIN rail TS 35/7.5 145 mm
<b>10.06 14 88</b>	DIN rail TS 35/7.5 293 mm
<b>10.06 14 94</b>	Bearer plate CombiBox 110
<b>10.06 14 95</b>	Bearer plate CombiBox 360
<b>10.06 14 96</b>	Bearer plate CombiBox 360 long

## Terminal mounting

	Phoenix													Earthing bar 2.5 mm <sup>2</sup> with cable lug max. 10 mm <sup>2</sup>	Earthing screw M4 with cable lug max. 6 mm <sup>2</sup>	M6 with cable lug max. 35 mm <sup>2</sup>	Earth connections as required	
	DIN rail TS 15	DIN rail TS 35	Voltage (V)	Current (A)	Nom. cross section (mm <sup>2</sup> )	Terminal width (mm)	Terminal type	Type	02.01 22 15	02.01 24 15	02.01 44 15							
DIN rail TS 15	X	X																
DIN rail TS 35			X	X	X	X	X	X	X	X	X	X						
Voltage (V)	500	500	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000						
Current (A)	24	32	24	32	41	57	76	125	150	232	309	415						
Nom. cross section (mm <sup>2</sup> )	2,5	4	2,5	4	6	10	16	35	50	95	150	240						
Terminal width (mm)	5,2	6,2	5,2	6,2	8,2	10,2	12,2	16	20	25	31	36						
Terminal type																		
Type	MUT 2,5	MUT 4	UT 2,5	UT 4	UT 6	UT 10	UT 16	UT 35	UKH 50	UKH 95	UKH 150	UKH 240						
<b>02.01 22 15</b>	18	15	18	15	11	9	7	6										
<b>02.01 24 15</b>	53	45	53	45	34	27	22	18										
<b>02.01 44 15</b>	212	135	212	135	102	81	44	36	28	11	11							

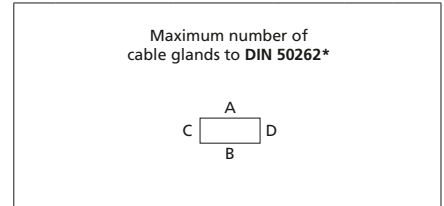


Type: **02.01 44 15**

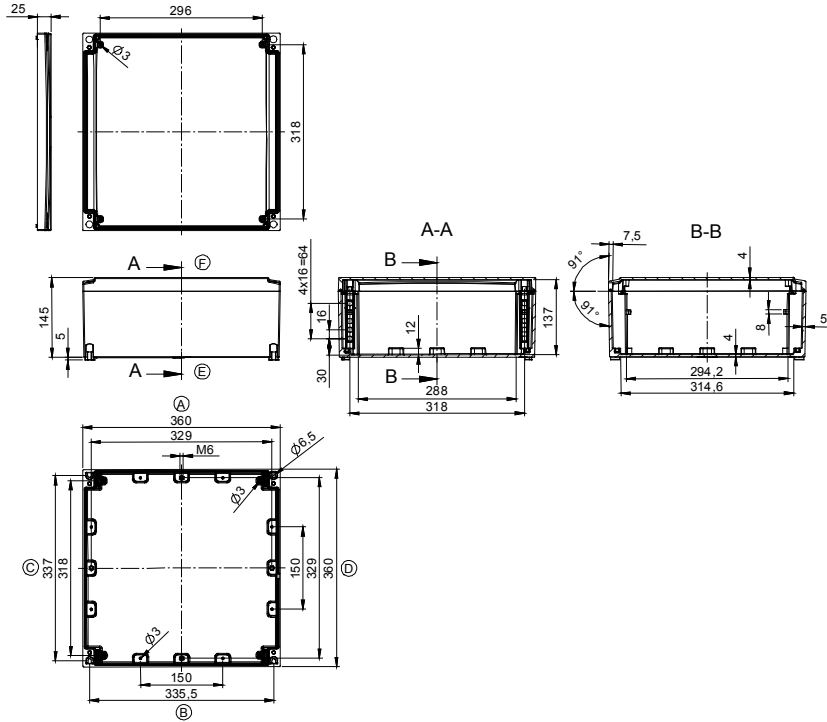
External dimensions: **360 x 360 x 145 mm**

Weight: **4025 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		•	•		•	



M	Corner dim.	Side		PG	Corner dim.	Side	
		A/B	C/D			A/B	C/D
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





- Plastic enclosure with flange openings for automation technology
- Combination options with other polyester flange enclosures
- Snap lock technology

## Technical data

### Material:

glass fibre reinforced duroplastic polyester  
transparent lid: polycarbonate

### Colour:

RAL 7032, pebble grey

### Ingress protection:

IP 65 to EN 60529

### Impact resistance:

7 Joule to EN 60079-0

### Flammability:

enclosure: V0 / self-extinguishing, UL 94  
transparent lid: V2 / UL 94

### Insulation:

fully insulated VDE 0100

### Disruptive strength:

enclosure: 24KV/mm / IEC 60243-1  
transparent lid: >30 KV/mm / IEC 60243-1

### Toxicity:

halogen-free

### Surface resistance:

enclosure: >10<sup>11</sup> Ohm / IEC 60093  
transparent lid: >10<sup>15</sup> Ohm / IEC 60093

### Temperature range:

PU (polyurethane) seal:  
-40°C to +90°C (enclosure)  
-40°C to +100°C (lid)  
CR (chloroprene) seal: -40°C to +100°C  
VMQ (silicone) seal: -60°C to +130°C

## Included in delivery

Plastic enclosure in glass fibre reinforced polyester, consisting of lid, seal, plastic quick-release fastener screws, base with flange openings.

(Please order flange plate separately)  
Threaded insert set (4 pcs.)