



Gost  
Russia



Gost  
Kazakhstan



Further international  
Ex-Approvals on request

## Technical Data

### Explosion protection:

II 2 G / 2 D

EEx e II T6 (increased safety)

EEx ia IIC T6 (intrinsic safety)

EEx e(ia) IIC T6 (mixed fitting)

Temperature classes T5 and T4 on request

### Certificate:

Empty enclosure: PTB 00 ATEX 1101U

Terminal enclosure: PTB 00 ATEX 1052

### Material:

Stainless steel 1.25 mm or 1.5 mm 1.4404 / 316L

### Surface resistance:

Grinded, grain 240

### Ingress protection:

IP 66, EN 60529

### Impact resistance:

>7 Joule, EN 50014

### Temperature range of application acc. EN:

-20° to +40°C

(corresponds T6 = 85°C surface temperature)

-20° to +55°C

(corresponds T5 = 100°C surface temperature)

-20° to +95°C

(corresponds T4 = 135°C surface temperature)

-55°C with special marking on request

- Empty enclosure with certification for individual fittings
- Terminal enclosure for intrinsically safeguards and increased safety
- High-quality stainless steel enclosure
- Optional flange cut out
- Special size on request
- Optional: Lid with window

### Included in delivery

Empty enclosure:  
Enclosure with silicone/PUR seal and external earth connection

Terminal enclosure:  
Enclosure system - depending on version either with silicone/PUR seal, continuity plate, DIN rails, internal earthing connection, terminals, manufacturing, cable glands

# Stainless steel Ex

## Programme range

Type			Dimensions
Ex e	Ex ia	empty enclosure	W x L x H (mm)
<b>35.10 10 06</b>	<b>36.10 10 06</b>	<b>34.10 10 06</b>	100 x 100 x 61
<b>35.15 10 06</b>	<b>36.15 10 06</b>	<b>34.15 10 06</b>	150 x 100 x 61
<b>35.15 15 08</b>	<b>36.15 15 08</b>	<b>34.15 15 08</b>	150 x 150 x 81
<b>35.20 10 06</b>	<b>36.20 10 06</b>	<b>34.20 10 06</b>	200 x 100 x 61
<b>35.20 20 08</b>	<b>36.20 20 08</b>	<b>34.20 20 08</b>	200 x 200 x 81
<b>35.20 20 12</b>	<b>36.20 20 12</b>	<b>34.20 20 12</b>	200 x 200 x 121
<b>35.30 15 08</b>	<b>36.30 15 08</b>	<b>34.30 15 08</b>	300 x 150 x 81
<b>35.30 20 08</b>	<b>36.30 20 08</b>	<b>34.30 20 08</b>	300 x 200 x 81
<b>35.30 20 12</b>	<b>36.30 20 12</b>	<b>34.30 20 12</b>	300 x 200 x 121
<b>35.30 30 12</b>	<b>36.30 30 12</b>	<b>34.30 30 12</b>	300 x 300 x 121
<b>35.30 30 16</b>	<b>36.30 30 16</b>	<b>34.30 30 16</b>	300 x 300 x 161
<b>35.38 38 16</b>	<b>36.38 38 16</b>	<b>34.38 38 16</b>	380 x 380 x 161
<b>35.40 15 08</b>	<b>36.40 15 08</b>	<b>34.40 15 08</b>	400 x 150 x 81
<b>35.40 20 12</b>	<b>36.40 20 12</b>	<b>34.40 20 12</b>	400 x 200 x 121
<b>35.40 30 16</b>	<b>36.40 30 16</b>	<b>34.40 30 16</b>	400 x 300 x 161
<b>35.50 30 16</b>	<b>36.50 30 16</b>	<b>34.50 30 16</b>	500 x 300 x 161
<b>35.50 40 16</b>	<b>36.50 40 16</b>	<b>34.50 40 16</b>	500 x 400 x 161
<b>35.60 20 12</b>	<b>36.60 20 12</b>	<b>34.60 20 12</b>	600 x 200 x 121

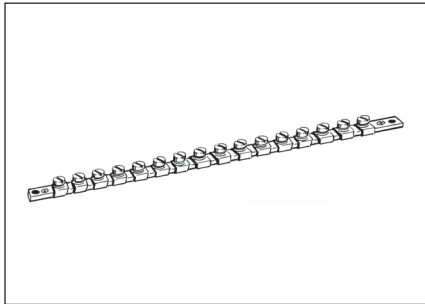
## Accessories

Type	DIN rail* TS 35	PE bar	External mounting brackets	Mounting plate
<b>34/35/36.10 10 06</b>	•	•	•	•
<b>34/35/36.15 10 06</b>	•	•	•	•
<b>34/35/36.15 15 08</b>	•	•	•	•
<b>34/35/36.20 10 06</b>	•	•	•	•
<b>34/35/36.20 20 08</b>	•	•	•	•
<b>34/35/36.20 20 12</b>	•	•	•	•
<b>34/35/36.30 15 08</b>	•	•	•	•
<b>34/35/36.30 20 08</b>	•	•	•	•
<b>34/35/36.30 20 12</b>	•	•	•	•
<b>34/35/36.30 30 12</b>	•	•	•	•
<b>34/35/36.30 30 16</b>	•	•	•	•
<b>34/35/36.38 38 16</b>	•	•	•	•
<b>34/35/36.40 15 08</b>	•	•	•	•
<b>34/35/36.40 20 12</b>	•	•	•	•
<b>34/35/36.40 30 16</b>	•	•	•	•
<b>34/35/36.50 30 16</b>	•	•	•	•
<b>34/35/36.50 40 16</b>	•	•	•	•
<b>34/35/36.60 20 12</b>	•	•	•	•

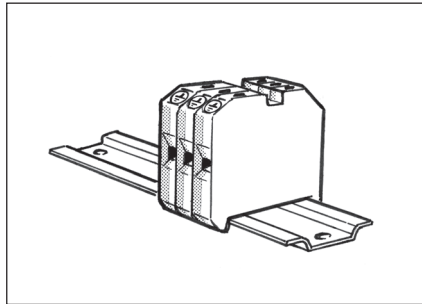
\* TS 32 on request

External mounting brackets (set = 4 pieces)	<b>37.10 50 00</b>
Mounting set (screws, gasket, nuts)	<b>37.99 00 01</b>
External hinge set (2 pcs.)	<b>37.00 00 02</b>

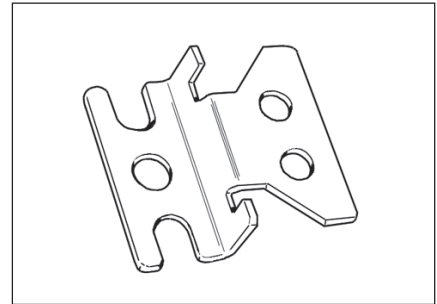
## Accessories



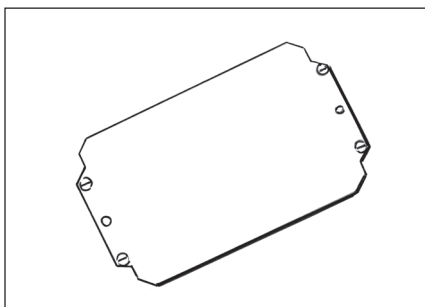
PE bar



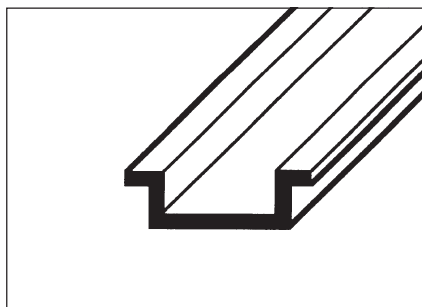
PE terminal blocks



External mounting brackets



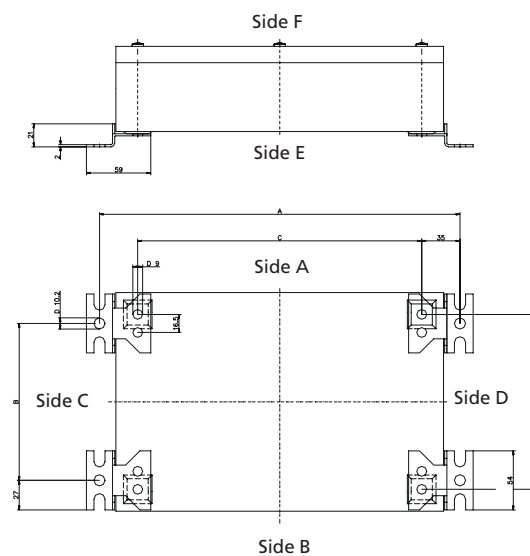
Mounting plate



DIN rail

### External mounting brackets Order No.: 37.10 50 00

for type	A	B	C	D
37.10 10 06	130	43,5	60	60
37.15 10 06	180	43,5	110	60
37.15 15 08	180	93,5	110	110
37.20 10 06	230	43,3	160	60
37.20 20 08	230	143,5	160	160
37.20 20 12	230	143,5	160	160
37.30 15 08	330	93,5	260	110
37.30 20 08	330	143,5	260	160
37.30 20 12	330	143,5	260	160
37.30 30 12	330	243,5	260	260
37.30 30 16	330	243,5	260	260
37.38 38 16	410	323,5	340	340
37.40 15 08	430	93,5	360	110
37.40 20 12	430	143,5	360	160
37.40 30 16	430	243,5	360	260
37.50 30 16	530	243,5	460	260
37.50 40 16	530	343,5	460	360
37.60 20 12	630	143,5	560	160







Type: **E Ex e 35.10 10 06**

**E Ex ia 36.10 10 06**

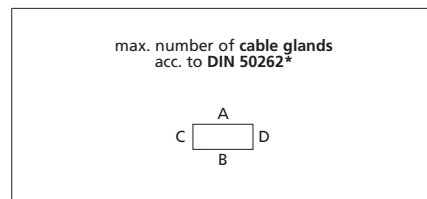
Ex empty enclosure **34.10 10 06**

Certification **ATEX**

External dimensions **100 x 100 x 61 mm**

Weight **610 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 15		6 x 6 mm <sup>2</sup>			
90	70	1	10 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
	max. number of terminals**	11	9	8							
max. number of DIN rails	1	1	1								
Number of internal cables in dependence to current/A	6										
	10	19	36								
	16	7	13	22							
	20	3	8	14							
	25		4	8							
	35			2							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	6	4	7	17,25	6	4
16	25,30	2		9	21,85	3	3
20	27,60	2		11	25,30	2	2
25	37,95			13,5	27,60	2	
32	48,30			16	31,05	2	
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number or internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.15 10 06**

**E Ex ia 36.15 10 06**

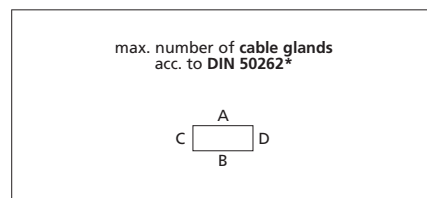
Ex empty enclosure **34.15 10 06**

Certification **ATEX**

External dimensions **150 x 100 x 61 mm**

Weight **808 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 15		12 x 6 mm <sup>2</sup>			
140	120	1	10 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
	max. number of terminals**	23	18	16							
max. number of DIN rails	1	1	1								
Number of internal cables in dependence to current/A	6										
	10	21	38								
	16	8	14	24							
	20	3	9	15							
	25		4	9							
	35			2							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	11	4	7	17,25	11	4
16	25,30	4		9	21,85	6	3
20	27,60	3		11	25,30	4	2
25	37,95			13,5	27,60	3	
32	48,30			16	31,05	3	
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number or internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.15 15 08**

**E Ex ia 36.15 15 08**

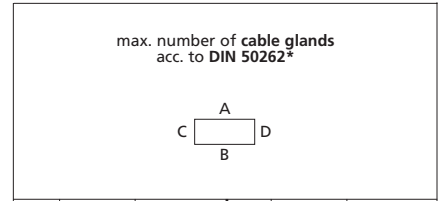
Ex empty enclosure **34.15 15 08**

Certification **ATEX**

External dimensions **150 x 150 x 81 mm**

Weight **1218 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		12 x 6 mm <sup>2</sup>			
140	120	1	10 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	23	18	16	12	9	8					
max. number of DIN rails	1	1	1	1	1	1					
Number of internal cables in dependence to current/A	6										
	10	27	50								
	16	10	19	31							
	20	4	11	20	33						
	25		5	12	20						
	35			3	9	18					
	50					7	15				
	63					2	8				
	80						3				
	100										
	125										
	160										
	200										
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	15	12	7	17,25	15	12
16	25,30	8	5	9	21,85	9	7
20	27,60	6	4	11	25,30	8	5
25	37,95	3	3	13,5	27,60	6	4
32	48,30	2		16	31,05	4	3
40	60,95			21	37,95	3	3
50	69,00			29	48,30	2	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.20 10 06**

**E Ex ia 36.20 10 06**

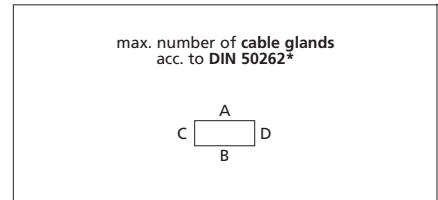
Ex empty enclosure **34.20 10 06**

Certification **ATEX**

External dimensions **200 x 100 x 61 mm**

Weight **962 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 15		16 x 6 mm <sup>2</sup>			
190	170	1	10 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	35	28	24								
max. number of DIN rails	1	1	1								
Number of internal cables in dependence to current/A	6										
	10	21	39								
	16	8	14	24							
	20	3	9	15							
	25		4	9							
	35			3							
	50										
	63										
	80										
	100										
	125										
	160										
	200										
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	16	4	7	17,25	16	4
16	25,30	6		9	21,85	9	3
20	27,60	5		11	25,30	6	2
25	37,95			13,5	27,60	5	
32	48,30			16	31,05	5	
40	60,95			21	37,95		
50	69,00			29	48,30		
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.20 20 08**

**E Ex ia 36.20 20 08**

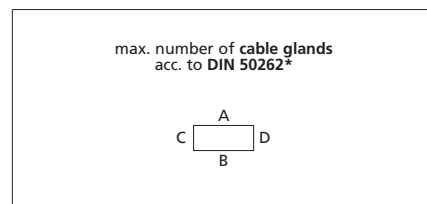
Ex empty enclosure **34.20 20 08**

Certification **ATEX**

External dimensions **200 x 200 x 81 mm**

Weight **1804 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		16 x 6 mm <sup>2</sup>			
190	170	1	16 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	70	56	48	36	28	24	18				
max. number of DIN rails	2	2	2	2	2	2	2				
Number of internal cables in dependence to current/A	6										
	10	32	58								
	16	12	22	36							
	20	5	13	23	39						
	25		6	14	23						
	35			4	10	21					
	50					8	17	56			
	63					3	9	19			
	80						4	10			
	100							4			
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	24	18	7	17,25	24	18
16	25,30	12	7	9	21,85	14	10
20	27,60	10	6	11	25,30	12	7
25	37,95	4	4	13,5	27,60	10	6
32	48,30	3		16	31,05	6	5
40	60,95			21	37,95	4	4
50	69,00			29	48,30	3	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.20 20 12**

**E Ex ia 36.20 20 12**

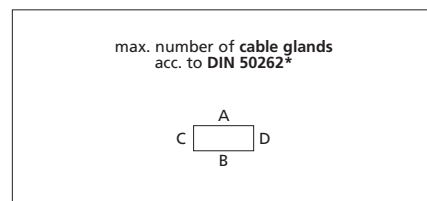
Ex empty enclosure **34.20 20 12**

Certification **ATEX**

External dimensions **200 x 200 x 121 mm**

Weight **2135 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		16 x 6 mm <sup>2</sup>			
190	170	1	16 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	70	56	48	36	28	24	18				
max. number of DIN rails	2	2	2	2	2	2	2				
Number of internal cables in dependence to current/A	6										
	10	39	71								
	16	15	27	44							
	20	6	16	28	47						
	25		8	17	28						
	35			5	13	25					
	50				2	10	21	68			
	63					3	12	23			
	80						4	12			
	100							5			
	125										
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	48	45	7	17,25	48	45
16	25,30	22	20	9	21,85	28	28
20	27,60	16	18	11	25,30	22	20
25	37,95	8	8	13,5	27,60	16	18
32	48,30	5	4	16	31,05	12	12
40	60,95	2	2	21	37,95	8	8
50	69,00	2	2	29	48,30	5	4
63	74,75	2	2	36	60,95	2	2
				42	69,00	2	2
				48	74,75		

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.30 15 08**

**E Ex ia 36.30 15 08**

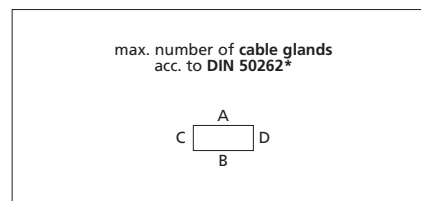
Ex empty enclosure **34.30 15 08**

Certification **ATEX**

External dimensions **300 x 150 x 81 mm**

Weight **1952 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		26 x 6 mm <sup>2</sup>			
290	270	1	16 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	59	47	40	30	24	20	16				
max. number of DIN rails	1	1	1	1	1	1	1				
Number of internal cables in dependence to current/A	6										
	10	30	55								
	16	11	21	34							
	20	5	13	22	37						
	25		6	13	22						
	35			4	10	20					
	50					8	16	53			
	63					2	9	18			
	80						3	9			
	100							4			
	125										
	160										
	200										
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	42	12	7	17,25	42	12
16	25,30	20	6	9	21,85	23	7
20	27,60	17	4	11	25,30	20	5
25	37,95	7	3	13,5	27,60	17	4
32	48,30	5		16	31,05	10	3
40	60,95			21	37,95	7	3
50	69,00			29	48,30	5	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.30 20 08**

**E Ex ia 36.30 20 08**

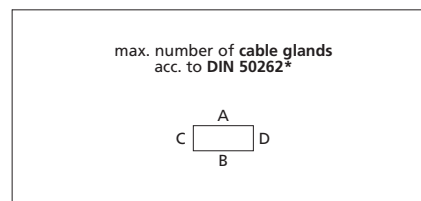
Ex empty enclosure **34.30 20 08**

Certification **ATEX**

External dimensions **300 x 200 x 81 mm**

Weight **2620 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		26 x 6 mm <sup>2</sup>			
290	270	1	25 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	118	94	80	60	48	40	32				
max. number of DIN rails	2	2	2	2	2	2	2				
Number of internal cables in dependence to current/A	6										
	10	35	63								
	16	13	24	39							
	20	5	14	25	42						
	25		7	15	25						
	35			4	11	23					
	50					9	19	61			
	63					3	10	20			
	80						4	11			
	100							5			
	125										
	160										
	200										
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	42	18	7	17,25	42	18
16	25,30	20	7	9	21,85	23	10
20	27,60	17	6	11	25,30	20	7
25	37,95	7	4	13,5	27,60	17	6
32	48,30	5		16	31,05	10	5
40	60,95			21	37,95	7	4
50	69,00			29	48,30	5	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.30 20 12**

**E Ex ia 36.30 20 12**

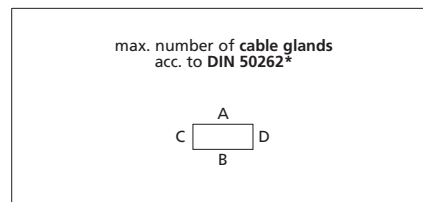
Ex empty enclosure **34.30 20 12**

Certification **ATEX**

External dimensions **300 x 200 x 121 mm**

Weight **2857 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate						
TS 35		26 x 6 mm <sup>2</sup>									
290	270	1	16 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	118	94	80	60	48	40	16	16	12		
max. number of DIN rails	2	2	2	2	2	2	1	1	1		
Number of internal cables in dependence to current/A	6										
	10	42	76								
	16	16	28	47							
	20	6	17	30	51						
	25		8	18	30						
	35			5	14	27					
	50				2	11	22	73			
	63					4	12	24			
	80						5	13	22		
	100							6	12	22	
	125								5	11	
	160									4	
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	84	45	7	17,25	84	45
16	25,30	38	20	9	21,85	48	28
20	27,60	28	18	11	25,30	38	20
25	37,95	14	8	13,5	27,60	28	18
32	48,30	9	4	16	31,05	24	12
40	60,95	4	2	21	37,95	14	8
50	69,00	3	2	29	48,30	9	4
63	74,75	3	2	36	60,95	4	2
					42	69,00	3
					48	74,75	

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.30 30 12**

**E Ex ia 36.30 30 12**

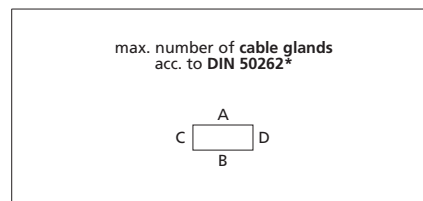
Ex empty enclosure **34.30 30 12**

Certification **ATEX**

External dimensions **300 x 300 x 121 mm**

Weight **3909 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate						
TS 35		26 x 6 mm <sup>2</sup>									
290	270	1	25 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	118	94	80	60	48	40	32	32	24		
max. number of DIN rails	2	2	2	2	2	2	2	2	2		
Number of internal cables in dependence to current/A	6										
	10	48	87								
	16	18	33	54							
	20	8	20	34	58						
	25		10	21	35						
	35			6	16	31					
	50				2	13	26	84			
	63					4	14	28			
	80						6	15	25		
	100							7	14	25	
	125								6	13	
	160									5	
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	84	75	7	17,25	84	75
16	25,30	38	32	9	21,85	48	46
20	27,60	28	27	11	25,30	38	32
25	37,95	14	14	13,5	27,60	28	27
32	48,30	9	7	16	31,05	24	24
40	60,95	4	4	21	37,95	14	14
50	69,00	3	3	29	48,30	9	7
63	74,75	3	3	36	60,95	4	4
					42	69,00	3
					48	74,75	

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.30 30 16**

**E Ex ia 36.30 30 16**

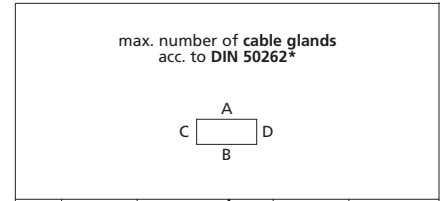
Ex empty enclosure **34.30 30 16**

Certification **ATEX**

External dimensions **300 x 300 x 161 mm**

Weight **4345 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		26 x 6 mm <sup>2</sup>			
290	270	1	25 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	118	94	80	60	48	40	32	32	24		
max. number of DIN rails	2	2	2	2	2	2	2	2	2		
Number of internal cables in dependence to current/A	6										
	10	55	100								
	16	21	38	62							
	20	9	23	39	67						
	25		11	24	40						
	35			7	18	36					
	50				2	15	30	96			
	63					5	16	32			
	80						6	17	29		
	100							8	16	29	
	125								7	15	
	160									6	
	200										
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	112	120	7	17,25	112	120
16	25,30	54	50	9	21,85	74	69
20	27,60	45	45	11	25,30	54	50
25	37,95	22	21	13,5	27,60	45	45
32	48,30	14	12	16	31,05	33	32
40	60,95	8	8	21	37,95	22	21
50	69,00	6	6	29	48,30	14	12
63	74,75	5	4	36	60,95	8	8
				42	69,00	6	6
				48	74,75		

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.38 38 16**

**E Ex ia 36.38 38 16**

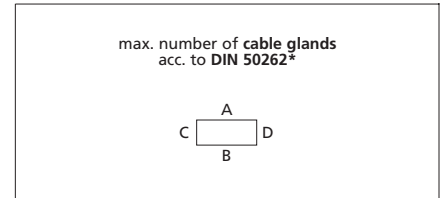
Ex empty enclosure **34.38 38 16**

Certification **ATEX**

External dimensions **380 x 380 x 161 mm**

Weight **6140 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		36 x 6 mm <sup>2</sup>			
370	350	2	70 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	234	189	159	120	64	54	42	42	32	26	26
max. number of DIN rails	3	3	3	3	2	2	2	2	2	2	2
Number of internal cables in dependence to current/A	6										
	10	62	113								
	16	24	43	71							
	20	10	26	45	75						
	25		13	28	45						
	35			8	21	41					
	50				3	16	34	109			
	63					6	19	36			
	80						7	19	33		
	100							9	18	33	
	125								8	17	32
	160									7	15
	200										6
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	152	152	7	17,25	152	152
16	25,30	75	65	9	21,85	102	90
20	27,60	58	58	11	25,30	78	65
25	37,95	30	27	13,5	27,60	58	58
32	48,30	18	17	16	31,05	45	44
40	60,95	10	10	21	37,95	30	27
50	69,00	8	8	29	48,30	18	17
63	74,75	6	5	36	60,95	10	10
				42	69,00	8	8
				48	74,75		

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.40 15 08**

**E Ex ia 36.40 15 08**

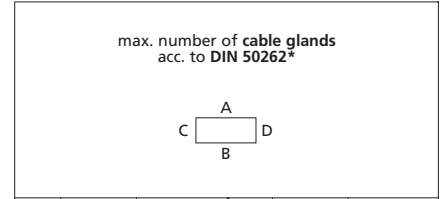
Ex empty enclosure **34.40 15 08**

Certification **ATEX**

External dimensions **400 x 150 x 81 mm**

Weight **2448 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		38 x 6 mm <sup>2</sup>			
390	370	1	16 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	83	67	56	42	34	28	23				
max. number of DIN rails	1	1	1	1	1	1	1				
Number of internal cables in dependence to current/A	6										
	10	30	56								
	16	12	21	35							
	20	5	13	22	37						
	25		6	13	22						
	35			4	10	20					
	50					8	16	53			
	63					2	9	18			
	80						3	9			
	100							4			
	125										
	160										
	200										
	225										
	250										
315											
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	57	12	7	17,25	57	12
16	25,30	29	6	9	21,85	32	7
20	27,60	24	4	11	25,30	28	5
25	37,95	9	3	13,5	27,60	24	4
32	48,30	7		16	31,05	14	3
40	60,95			21	37,95	9	3
50	69,00			29	48,30	7	
63	74,75			36	60,95		
				42	69,00		
				48	74,75		

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Type: **E Ex e 35.40 20 12**

**E Ex ia 36.40 20 12**

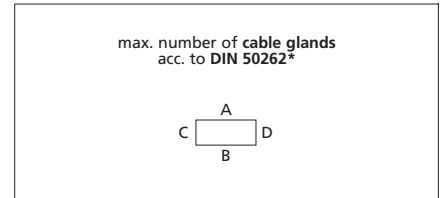
Ex empty enclosure **34.40 20 12**

Certification **ATEX**

External dimensions **400 x 200 x 121 mm**

Weight **3564 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate
TS 35		38 x 6 mm <sup>2</sup>			
390	370	1	16 mm <sup>2</sup>	•	•



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	
max. number of terminals**	166	134	112	84	68	56	23	23	17	14	14	11	
max. number of DIN rails	2	2	2	2	2	2	1	1	1	1	1	1	
Number of internal cables in dependence to current/A	6												
	10	43	78										
	16	16	29	48									
	20	7	18	31	52								
	25		9	19	31								
	35			6	14	28							
	50				2	11	23	74					
	63					4	13	25					
	80						5	13	23				
	100							6	12	23			
	125								5	12	22		
	160									4	10	18	46
	200										4	8	14
	225											5	10
	250												3
315													
400													
500													

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	120	45	7	17,25	120	45
16	25,30	52	20	9	21,85	68	28
20	27,60	40	18	11	25,30	52	20
25	37,95	20	8	13,5	27,60	40	18
32	48,30	13	4	16	31,05	33	12
40	60,95	6	2	21	37,95	20	8
50	69,00	5	2	29	48,30	13	4
63	74,75	4	2	36	60,95	6	2
				42	69,00	5	2
				48	74,75		

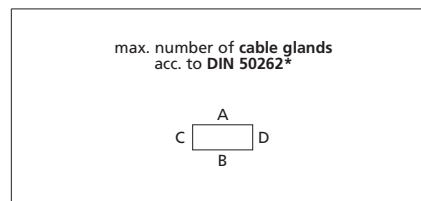
Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Certification **ATEX**

External dimensions **400 x 300 x 161 mm**

Weight **5300 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate						
TS 35		38 x 6 mm <sup>2</sup>									
390	370	1	25 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120		
	max. number of terminals**	166	134	112	84	68	56	23	23	17	14	14	11	
max. number of DIN rails	2	2	2	2	2	2	1	1	1	1	1	1		
Number of internal cables in dependence to current/A	6													
	10	58	106											
	16	22	40	66										
	20	9	25	42	71									
	25		12	26	42									
	35			8	19	38								
	50				3	15	31	102						
	63					5	17	34						
	80						7	18	31					
	100							8	17	31				
	125								7	16	30			
	160									6	14	25	63	
	200										5	12	20	
	225											2	7	13
	250												4	9
	315													2
	400													
500														

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	160	120	7	17,25	160	120
16	25,30	102	50	9	21,85	105	69
20	27,60	60	45	11	25,30	78	50
25	37,95	32	21	13,5	27,60	60	45
32	48,30	20	12	16	31,05	48	32
40	60,95	11	8	21	37,95	32	21
50	69,00	9	6	29	48,30	20	12
63	74,75	7	4	36	60,95	11	8
				42	69,00	9	6
				48	74,75		

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

Certification **ATEX**

External dimensions **500 x 300 x 161 mm**

Weight **6255 g**

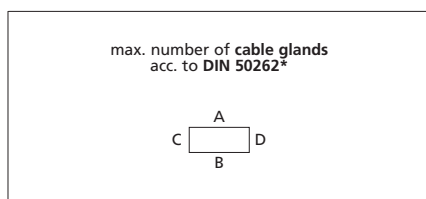
DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate									
TS 35		48 x 6 mm <sup>2</sup>												
490	470	1	25 mm <sup>2</sup>	•	•									

Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
max. number of terminals**	214	172	144	108	88	72	29	29	22	18	18	14	14	12	12
max. number of DIN rails	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1
Number of internal cables in dependence to current/A	6														
	10	60	109												
	16	23	41	68											
	20	10	25	43	72										
	25		12	27	43										
	35			8	20	39									
	50				3	16	32	105							
	63					5	18	35							
	80						7	19	32						
	100							9	17	32					
	125								7	17	31				
	160									6	14	25	65		
	200										6	12	20	35	
	225										2	7	14	21	43
	250											4	9	15	24
	315												2	6	10
400														2	7
500															

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91



M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	208	120	7	17,25	208	120
16	25,30	102	50	9	21,85	137	69
20	27,60	80	45	11	25,30	102	50
25	37,95	42	21	13,5	27,60	80	45
32	48,30	28	12	16	31,05	63	32
40	60,95	14	8	21	37,95	42	21
50	69,00	12	6	29	48,30	28	12
63	74,75	9	4	36	60,95	14	8
				42	69,00	12	6
				48	74,75		

Certification **ATEX**

External dimensions **500 x 400 x 161 mm**

Weight **7210 g**

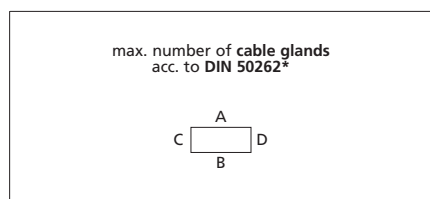
DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate									
TS 35		48 x 6 mm <sup>2</sup>												
490	470	3	120 mm <sup>2</sup>	•	•									

Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
max. number of terminals**	428	344	288	216	132	108	58	58	44	18	18	14	14	12	12	
max. number of DIN rails	4	4	4	4	3	3	2	2	2	1	1	1	1	1	1	
Number of internal cables in dependence to current/A	6															
	10	68	123													
	16	26	46	77												
	20	11	28	48	82											
	25		14	30	49											
	35			9	23	44										
	50				3	18	36	118								
	63					6	20	40								
	80						8	21	36							
	100							10	19	36						
	125								8	19	35					
	160									7	16	29	73			
	200										6	14	23	40		
	225											2	8	15	24	49
	250												5	10	17	27
315													2	6	12	21
400															3	8
500																

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91



M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	208	164	7	17,25	208	164
16	25,30	102	70	9	21,85	137	96
20	27,60	80	63	11	25,30	102	70
25	37,95	42	28	13,5	27,60	80	63
32	48,30	28	18	16	31,05	63	44
40	60,95	14	12	21	37,95	42	28
50	69,00	12	8	29	48,30	28	18
63	74,75	9	6	36	60,95	14	12
				42	69,00	12	8
				48	74,75		

Certification **ATEX**

External dimensions **600 x 200 x 121 mm**

Weight **4978 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Mounting plate									
TS 35		58 x 6 mm <sup>2</sup>												
590	570	1	16 mm <sup>2</sup>	•	•									

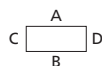
Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
max. number of terminals**	260	210	176	132	106	90	36	36	27	22	22	17	17	15	15	
max. number of DIN rails	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	
Number of internal cables in dependence to current/A	6															
	10	43	78													
	16	16	29	49												
	20	7	18	31	52											
	25		9	19	31											
	35			6	14	28										
	50				2	11	23	75								
	63					4	13	25								
	80						5	13	23							
	100							6	12	23						
	125								5	12	22					
	160									4	10	18	46			
	200										4	9	14	25		
	225											5	10	15	31	
	250												3	6	10	17
	315														4	7
400															2	5
500																

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 90 + 91

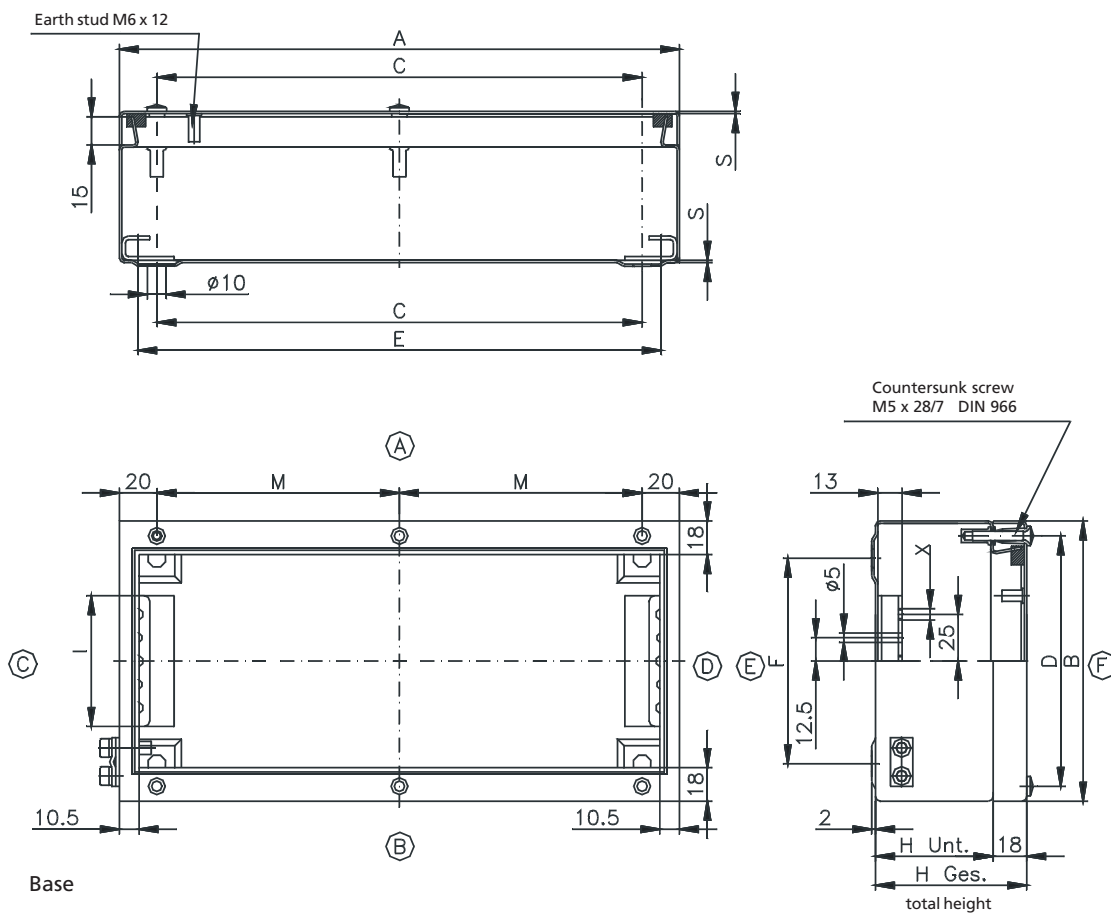
max. number of cable glands acc. to DIN 50262\*



M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	192	45	7	17,25	192	45
16	25,30	64	20	9	21,85	108	28
20	27,60	64	18	11	25,30	84	20
25	37,95	32	8	13,5	27,60	64	18
32	48,30	22	4	16	31,05	51	12
40	60,95	10	2	21	37,95	32	8
50	69,00	8	2	29	48,30	22	4
63	74,75	7	2	36	60,95	10	2
				42	69,00	8	2
				48	74,75		

## Dimensions

Order No. Ex e	Ex ia	empty enclosure	Dimensions (mm)											Height	
			Length		Width		A	B	C	D	E	F	I	S	M
35.10 10 06	36.10 10 06	34.10 10 06	100	100	60	84	81	60	20	1,25	-	M4	43	61	
35.15 10 06	36.15 10 06	34.15 10 06	150	100	110	84	131	60	20	1,25	-	M4	43	61	
35.15 15 08	36.15 15 08	34.15 15 08	150	150	110	134	131	110	70	1,25	-	M6	63	81	
35.20 10 06	36.20 10 06	34.20 10 06	200	100	160	84	181	60	20	1,25	-	M4	43	61	
35.20 20 08	36.20 20 08	34.20 20 08	200	200	160	184	181	160	120	1,25	-	M6	63	81	
35.20 20 12	36.20 20 12	34.20 20 12	200	200	160	184	181	160	120	1,25	-	M6	103	121	
35.30 15 08	36.30 15 08	34.30 15 08	300	150	260	134	281	110	70	1,25	-	M6	63	81	
35.30 20 08	36.30 20 08	34.30 20 08	300	200	260	184	281	160	120	1,25	-	M6	63	81	
35.30 20 12	36.30 20 12	34.30 20 12	300	200	260	184	281	160	120	1,25	-	M6	103	121	
35.30 30 12	36.30 30 12	34.30 30 12	300	300	260	284	281	260	220	1,25	-	M6	103	121	
35.30 30 16	36.30 30 16	34.30 30 16	300	300	260	284	281	260	220	1,25	-	M6	143	161	
35.38 38 16	36.38 38 16	34.38 38 16	380	380	340	364	361	340	300	1,25	-	M6	143	161	
35.40 15 08	36.40 15 08	34.40 15 08	400	150	360	134	381	110	70	1,25	-	M6	63	81	
35.40 20 12	36.40 20 12	34.40 20 12	400	200	360	184	381	160	120	1,25	-	M6	103	121	
35.40 30 16	36.40 30 16	34.40 30 16	400	300	360	284	381	260	220	1,25	-	M6	143	161	
35.50 30 16	36.50 30 16	34.50 30 16	500	300	460	284	481	260	220	1,25	230	M6	143	161	
35.50 40 16	36.50 40 16	34.50 40 16	500	400	460	384	481	360	320	1,25	230	M6	143	161	
35.60 20 12	36.60 20 12	34.60 20 12	600	200	560	184	581	160	120	1,5	280	M6	103	121	





Gost  
Russia



Gost  
Kazakhstan



Further international Ex-Approvals on request

## Technical Data

### Explosion protection:

$\text{Ex}$  II 2 G / 2 D

EEx e II T6 (increased safety)

EEx ia IIC T6 (intrinsic safety)

EEx e(ia) IIC T6 (mixed fitting)

Temperature classes T5 and T4 on request

### Certificates:

Empty enclosure with hinged lid:

PTB 00 ATEX 1101U

Terminal enclosure: PTB 00 ATEX 1052

### Material:

Stainless steel 1.5 mm, 1.4404/316L

Flange plate: 3.0 mm, 1.4404/316L

### Surface resistance:

Grinded, grain 240

### Ingress protection:

IP 66, EN 60529

### Impact resistance:

>7 Joule, EN 50014

### Temperature range of application acc. EN:

-20° to +40°C

(corresponds T6 = 85°C surface temperature)

-20° to +55°C

(corresponds T5 = 100°C surface temperature)

-20° to +95°C

(corresponds T4 = 135°C surface temperature)

-55°C with special marking on request

- Stainless steel flange enclosures for applications in harsh environments
- Industrial execution with 1 and/or 4 flange openings
- Easy entrance to interior by large flange opening area
- Custom made dimensions from 25 pcs.

### Included in delivery:

#### Empty enclosure:

Enclosure with hinged lid, flange plates, silicone lid seal, CR flange seal, welded mounting brackets, external earth connection.

#### Terminal enclosure:

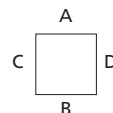
Depending on version with hinged lid, flange plates, silicone lid seal, CR flange seal, welded mounting brackets, external earth connection, DIN rails, internal earth connection, terminals, manufacturing, cable glands.

# Stainless steel Ex Flange

## Programme range

Ex e	Ex ia	empty enclosure	dimensions in mm W x L x H	flange version No. of flange	side	flange opening area dimension in mm
<b>35.03 33 01</b>	<b>36.03 33 01</b>	<b>34.03 33 01</b>	306 x 306 x 217	1	B	140 x 230
<b>35.03 43 01</b>	<b>36.03 43 01</b>	<b>34.03 43 01</b>	458 x 382 x 217	1	B	140 x 340
<b>35.03 75 04</b>	<b>36.03 75 04</b>	<b>34.03 75 04</b>	762 x 508 x 217	4	A,B,C,D	A/B: 140 x 590; C/D: 140 x 340
<b>35.03 86 04*</b>	<b>36.03 86 04*</b>	<b>34.03 86 04*</b>	860 x 640 x 217	4	A,B,C,D	A/B: 140 x 590; C/D: 140 x 460
<b>35.03 97 04*</b>	<b>36.03 97 04*</b>	<b>34.03 97 04*</b>	980 x 740 x 217	4	A,B,C,D	A/B: 140 x 590; C/D: 140 x 460

\* on request



## Accessories

Type	DIN rail TS 35	PE bar	Mounting plate
<b>34/35/36.03 33 01</b>	•	•	•
<b>34/35/36.03 43 01</b>	•	•	•
<b>34/35/36.03 75 04</b>	•	•	•
<b>34/35/36.03 86 04</b>	•	•	•
<b>34/35/36.03 97 04</b>	•	•	•

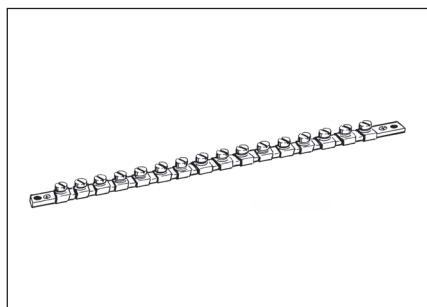
## Flange plates (reserve)

			outside dimension (mm)
<b>36.03 99 01</b>	Flange plate	140 x 230	170 x 260
<b>36.03 99 02</b>	Flange plate	140 x 340	170 x 370
<b>36.03 99 03</b>	Flange plate	140 x 460	170 x 490
<b>36.03 99 04</b>	Flange plate	140 x 590	170 x 620

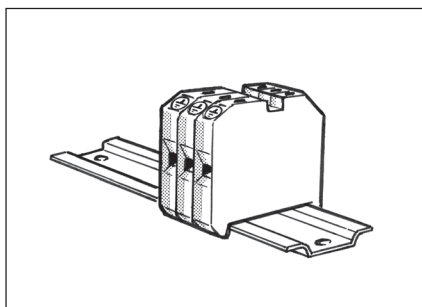
## Mounting plates

	for enclosure type
<b>10.01 36 11</b>	34/35/36.03 33 01
<b>10.01 36 12</b>	34/35/36.03 41 01
<b>10.01 36 13</b>	34/35/36.03 75 04
<b>10.01 36 14</b>	34/35/36.03 86 04
<b>10.01 36 15</b>	34/35/36.03 97 04

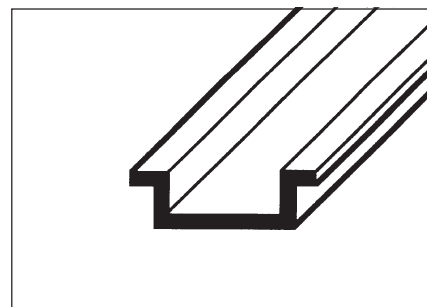
## Accessories / Version



PE bar



PE terminal blocks



DIN rail



Type: **E Ex e 35.03 33 01**

**E Ex ia 36.03 33 01**

Ex empty enclosure **34.03 33 01**

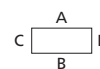
Certification **ATEX**

External dimensions **306 x 306 x 217 mm**

Weight **7500 g**

DIN rail length in mm (horizontal)	max. fitting length in mm	External earth stud bolt	External mounting brackets	Hinge	Number of flanges (side)									
TS 35														
250	230	M10	•	•	1 (B)									

max. number of cable glands acc. to DIN 50262\* depends on flanges



Diameter of connection (mm²)	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
max. number of terminals**	98	80	66	50	40	34	26	26	20						
max. number of DIN rails	2	2	2	2	2	2	2	2	2						
Number of internal cables in dependence to current/A	6														
	10	66	120												
	16	25	45	74											
	20	10	28	47	79										
	25		13	29	48										
	35			9	22	43									
	50				3	17	35	114							
	63					6	20	38							
	80						8	21	35						
	100							9	19	35					
	125								8	18					
	160									7					
	200														
	225														
	250														
	315														
400															
500															

<b>M</b>	Cross-corner dim.	Side	
		B	
12	17,25	58	
16	25,30	38	
20	27,60	27	
25	37,95	17	
32	48,30	8	
40	60,95	5	
50	69,00	5	
63	74,75	2	

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 107

Type: **E Ex e 35.03 43 01**

**E Ex ia 36.03 43 01**

Ex empty enclosure **34.03 43 01**

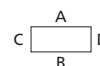
Certification **ATEX**

External dimensions **458 x 382 x 217 mm**

Weight **10750 g**

DIN rail length in mm (horizontal)	max. fitting length in mm	External earth stud bolt	External mounting brackets	Hinge	Number of flanges (side)									
TS 35														
402	382	M10	•	•	1 (B)									

max. number of cable glands acc. to DIN 50262\* depends on flanges



Diameter of connection (mm²)	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
max. number of terminals**	258	207	174	132	105	87	69	69	36	28	28	22	22	20		
max. number of DIN rails	3	3	3	3	3	3	3	3	2	2	2	2	2	2		
Number of internal cables in dependence to current/A	6															
	10	75	137													
	16	29	51	85												
	20	12	32	54	91											
	25		15	33	54											
	35			10	25	49										
	50				4	20	41	131								
	63					7	23	44								
	80						9	24	40							
	100							11	22	40						
	125								9	21	39					
	160									8	18	32	81			
	200										7	15	25	44		
	225											3	9	17	27	54
	250												5	12	19	30
	315													2	7	13
400															3	
500																

<b>M</b>	Cross-corner dim.	Side	
		B	
12	17,25	88	
16	25,30	58	
20	27,60	39	
25	37,95	23	
32	48,30	12	
40	60,95	9	
50	69,00	7	
63	74,75	3	

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 107

Type: **E Ex e 35.03 75 04**

**E Ex ia 36.03 75 04**

Ex empty enclosure **34.03 75 04**

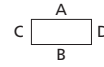
Certification **ATEX**

External dimensions **762 x 508 x 217 mm**

Weight **24500 g**

DIN rail length in mm (horizontal)	max. fitting length in mm	External earth stud bolt	External mounting brackets	Hinge	Number of flanges (side)									
TS 35														
706	686	M10	•	•	4 (A/B/C/D)									

max. number of cable glands acc. to DIN 50262\* depends on flanges



Diameter of connection (mm²)	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
max. number of terminals**	632	508	428	324	260	216	172	172	99	78	78	63	63	54	54	
max. number of DIN rails	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	
Number of internal cables in dependence to current/A	6															
	10	91	165													
	16	35	62	103												
	20	15	38	65	110											
	25		19	41	66											
	35			12	31	59										
	50				4	24	49	158								
	63					8	27	53								
	80						11	29	49							
	100							13	26	48						
	125								12	25	47					
	160									10	22	39	98			
	200										9	19	31	54		
	225										3	12	21	33	66	
	250											6	14	23	37	
	315												3	9	16	29
	400														4	11
500																

<b>M</b>	Cross-corner dim.	Side	
		A/B	C/D
12	17,25	154	88
16	25,30	103	58
20	27,60	71	39
25	37,95	44	23
32	48,30	22	12
40	60,95	19	9
50	69,00	15	7
63	74,75	6	3

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 107

Type: **E Ex e 35.03 86 04**

**E Ex ia 36.03 86 04**

Ex empty enclosure **34.03 86 04**

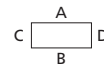
Certification **ATEX**

External dimensions **860 x 640 x 217 mm**

Weight **29500 g**

DIN rail length in mm (horizontal)	max. fitting length in mm	External earth stud bolt	External mounting brackets	Hinge	Number of flanges (side)									
TS 35														
804	784	M10	•	•	4 (A/B/C/D)									

max. number of cable glands acc. to DIN 50262\* depends on flanges



Diameter of connection (mm²)	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240	
max. number of terminals**	1086	876	738	558	444	372	250	250	152	120	120	72	72	63	63	
max. number of DIN rails	6	6	6	6	6	6	5	5	4	4	4	3	3	3	3	
Number of internal cables in dependence to current/A	6															
	10	103	187													
	16	40	70	117												
	20	17	43	74	124											
	25		21	46	74											
	35			14	35	67										
	50				5	27	55	179								
	63					10	31	60								
	80						12	32	55							
	100							15	30	55						
	125								13	29	53					
	160									11	25	44	111			
	200										10	21	35	61		
	225										4	13	24	37	74	
	250											7	16	26	41	
	315												3	10	18	32
	400														4	13
500															2	

<b>M</b>	Cross-corner dim.	Side	
		A/B	C/D
12	17,25	154	124
16	25,30	103	83
20	27,60	71	55
25	37,95	44	35
32	48,30	22	18
40	60,95	19	13
50	69,00	15	11
63	74,75	6	5

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 107

Type: **E Ex e 35.03 97 04**

**E Ex ia 36.03 97 04**

Ex empty enclosure **34.03 97 04**

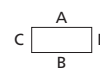
Certification **ATEX**

External dimensions **980 x 740 x 217 mm**

Weight **38500 g**

DIN rail length in mm (horizontal)	max. fitting length in mm	External earth stud bolt	External mounting brackets	Hinge	Number of flanges (side)				
TS 35									
924	904	M10	•	•	4 (A/B/C/D)				

max. number of cable glands acc. to DIN 50262\* depends on flanges



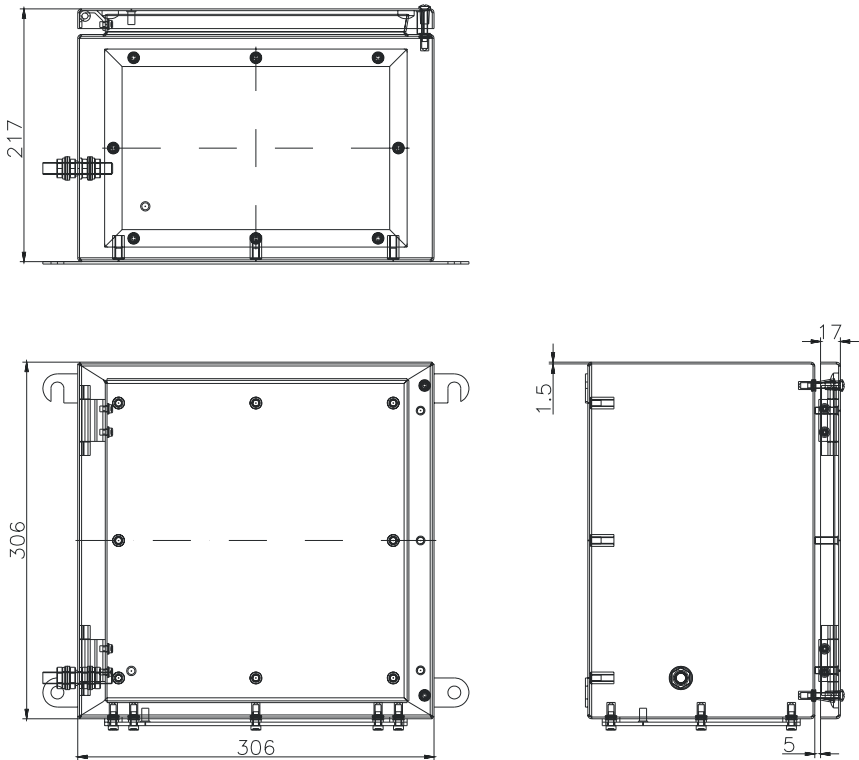
Diameter of connection (mm²)	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240		
	max. number of terminals**	1470	1183	994	749	602	504	348	348	220	175	175	112	112	96	96	
max. number of DIN rails	7	7	7	7	7	7	6	6	5	5	5	4	4	4	4		
Number of internal cables in dependence to current/A	6																
	10	113	205														
	16	43	77	128													
	20	18	48	81	136												
	25		23	50	82												
	35			15	38	73											
	50				6	30	61	196									
	63					10	34	66									
	80						14	35	60								
	100							17	32	60							
	125								14	31	58						
	160									12	27	48	122				
	200										11	23	38	66			
	225											4	14	26	40	81	
	250												8	18	28	45	
	315													4	11	20	36
400															5	14	
500																	2

M	Cross-corner dim.	Side	
		A	C
		B	D
12	17,25	154	124
16	25,30	103	83
20	27,60	71	55
25	37,95	44	35
32	48,30	22	18
40	60,95	19	13
50	69,00	15	11
63	74,75	6	5

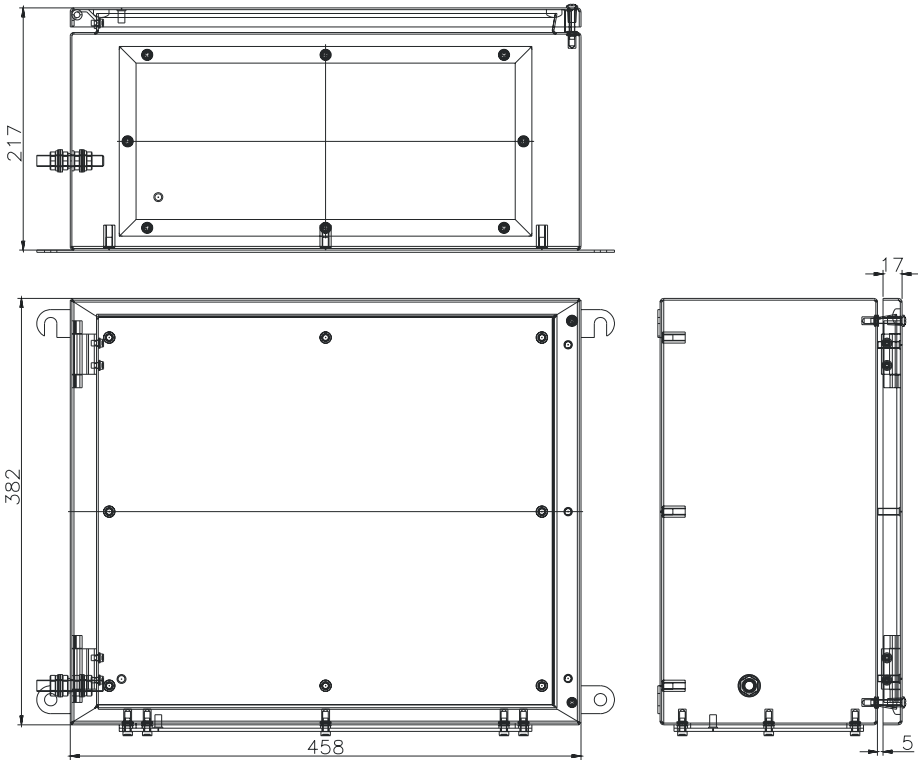
Number of internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 107

Dimensions

Type: 35./36./34.03 33 01



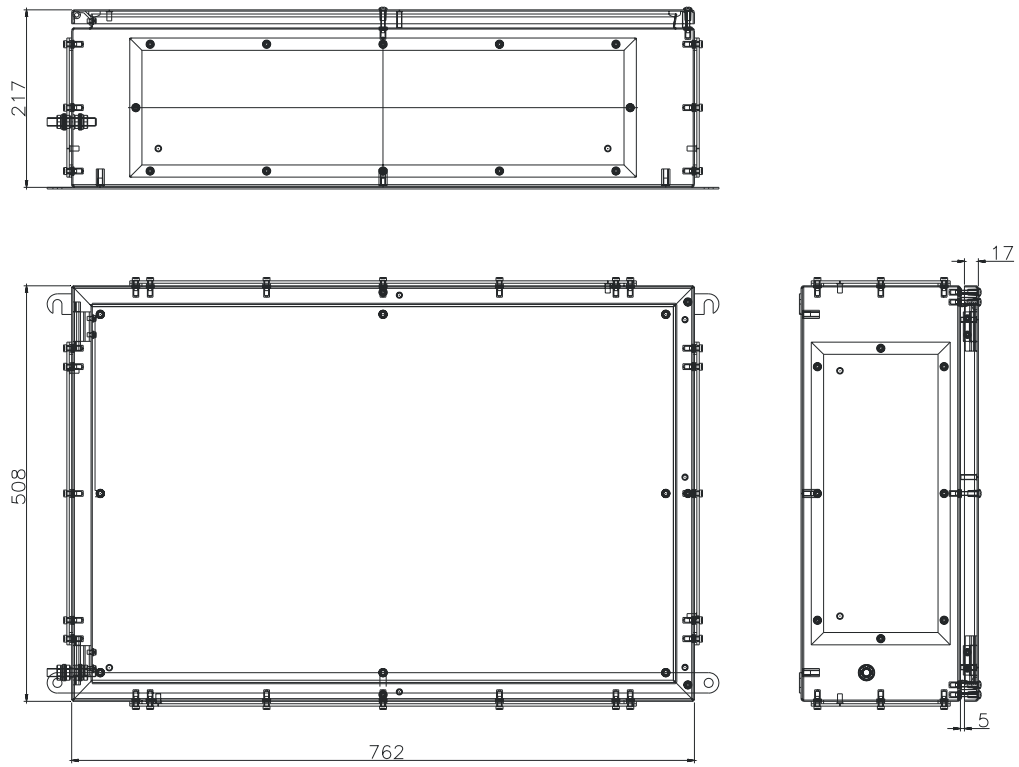
Type: 35./36./34.03 43 01



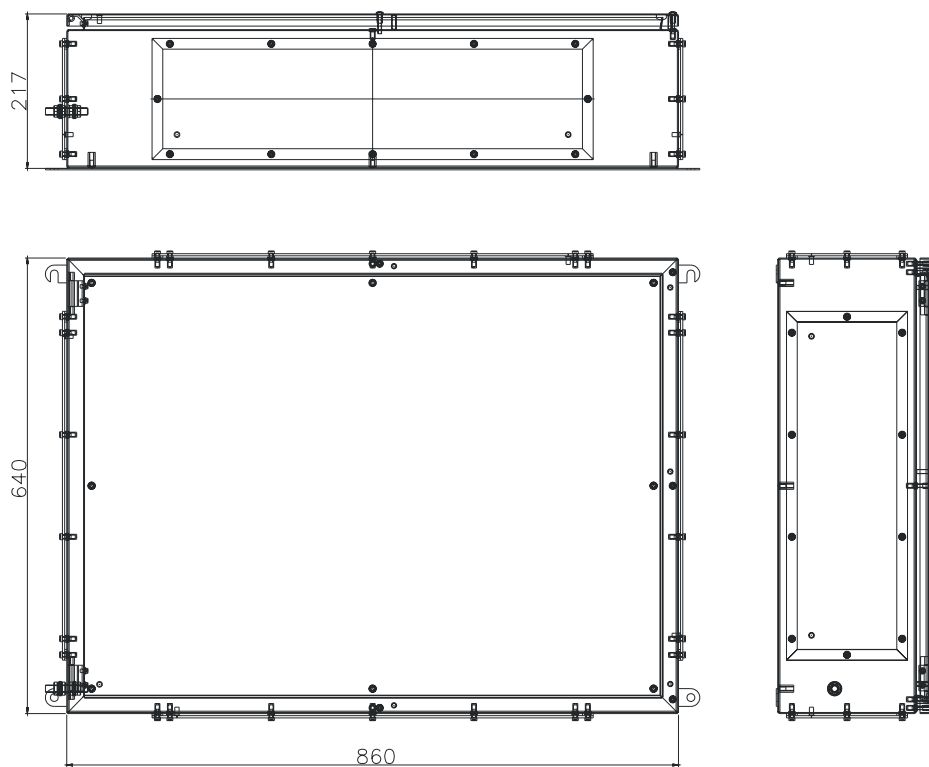
# Stainless steel Ex Flange

## Dimensions

Type: **35./36./34.03 75 04**

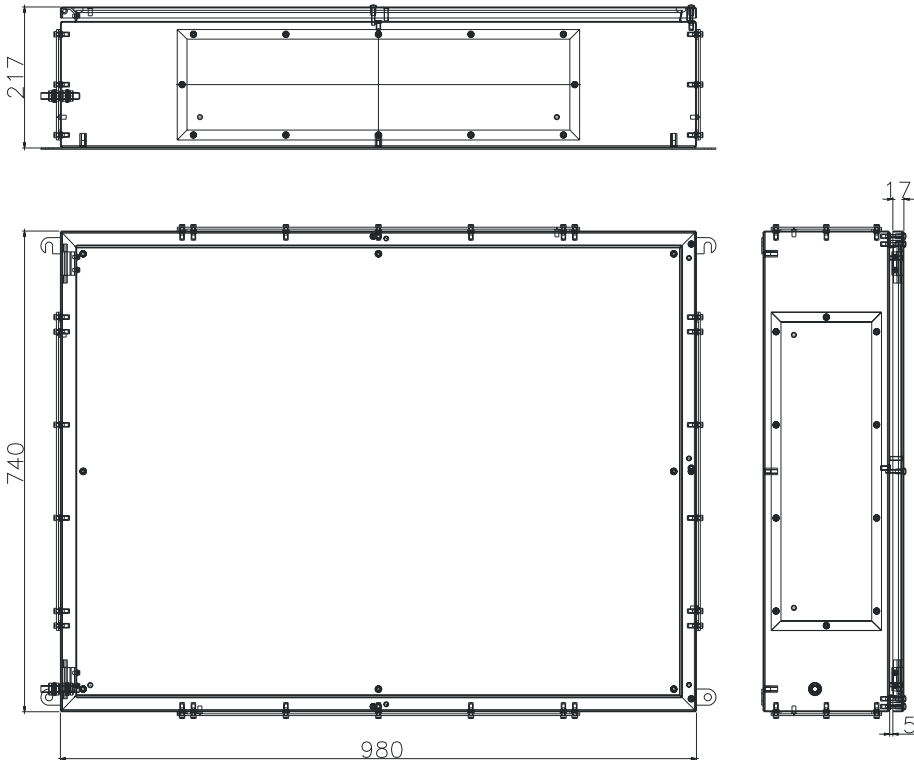


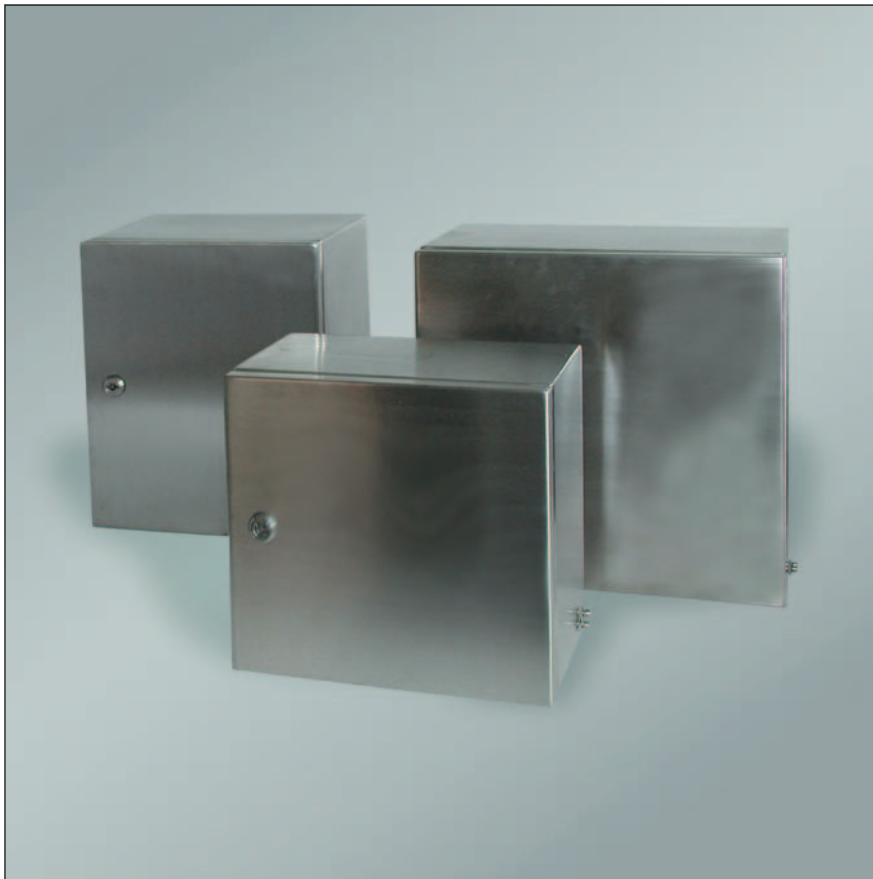
Type: **35./36./34.03 86 04**



Dimensions

Type: 35/36/34.03 97 04





Gost  
Russia



Gost  
Kazakhstan



Further international  
Ex-Approvals on request

## Technical Data

### Explosion protection:

II 2 G / 2 D

EEx e II T6 (increased safety)

EEx ia IIC T6 (intrinsic safety)

EEx e(ia) IIC T6 (mixed fitting)

Temperature classes T5 and T4 on request

### Certificates:

Empty enclosure with hinged lid:

PTB 00 ATEX 1101U

Terminal enclosure: PTB 00 ATEX 1052

### Material:

Stainless steel 1.25 mm or 1.5 mm, 1.4301 / 304  
1.4404/316L on request

### Surface:

Grinded, grain 240

### Ingress protection:

IP 66, EN 60529

### Impact resistance:

>7 Joule, EN 50014

### Temperature range of application acc. EN:

-20° to +40°C

(corresponds T6 = 85°C surface temperature)

-20° to +55°C

(corresponds T5 = 100°C surface temperature)

-20° to +95°C

(corresponds T4 = 135°C surface temperature)

-55°C with special marking on request

- Empty enclosure with hinged lid with certification for individual fittings
- Stainless steel cabinets fitted with terminals for individual fittings with partial certification
- Stainless steel enclosure with covered hinges and double ward lock
- Optional flange cut out
- Special size on request
- Optional: Lid with window

## Included in delivery

### Empty enclosure:

Enclosure with hinged lid, double ward lock, silicone/PUR seal and external earth connection

### Terminal enclosure:

Depending on version either with hinged lid, double ward lock, silicone/PUR seal, external earth connection, DIN rails, internal earthing connection, terminals, manufacturing, cable glands

# Stainless steel IGS-Ex

## Programme range

Ex e	Ex ia	empty cabinets	dimensions W x L x H
<b>35.00 22 09</b>	<b>36.00 22 09</b>	<b>34.00 22 09</b>	200 x 250 x 97 mm
<b>35.00 22 15</b>	<b>36.00 22 15</b>	<b>34.00 22 15</b>	200 x 250 x 157 mm
<b>35.00 33 16</b>	<b>36.00 33 16</b>	<b>34.00 33 16</b>	300 x 300 x 167 mm
<b>35.00 32 09</b>	<b>36.00 32 09</b>	<b>34.00 32 09</b>	350 x 250 x 97 mm
<b>35.00 44 16</b>	<b>36.00 44 16</b>	<b>34.00 44 16</b>	380 x 380 x 167 mm
<b>35.00 44 21</b>	<b>36.00 44 21</b>	<b>34.00 44 21</b>	380 x 380 x 217 mm
<b>35.00 53 16</b>	<b>36.00 53 16</b>	<b>34.00 53 16</b>	500 x 300 x 167 mm
<b>35.00 63 16</b>	<b>36.00 63 16</b>	<b>34.00 63 16</b>	600 x 300 x 167 mm
<b>35.00 64 21</b>	<b>36.00 64 21</b>	<b>34.00 64 21</b>	600 x 380 x 217 mm

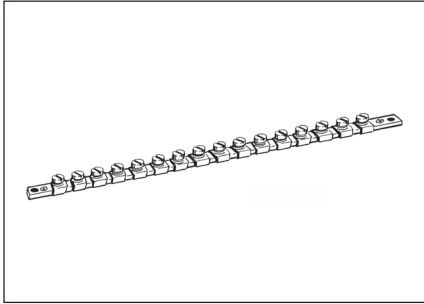
## Accessories

Type	DIN rail* TS35	PE bar	External mounting brackets	Mounting plate
<b>34/35/36.00 22 09</b>	•	•	•	•
<b>34/35/36.00 22 15</b>	•	•	•	•
<b>34/35/36.00 33 16</b>	•	•	•	•
<b>34/35/36.00 32 09</b>	•	•	•	•
<b>34/35/36.00 44 16</b>	•	•	•	•
<b>34/35/36.00 44 21</b>	•	•	•	•
<b>34/35/36.00 53 16</b>	•	•	•	•
<b>34/35/36.00 63 16</b>	•	•	•	•
<b>34/35/36.00 64 21</b>	•	•	•	•

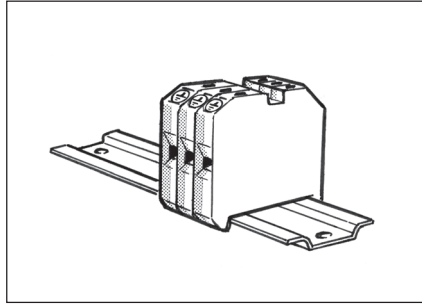
\* TS 32 on request

External mounting brackets (set = 4 pcs.)	<b>37.10 50 00</b>
Mounting set (screws, gasket, nuts)	<b>37.99 00 01</b>
External hinge set (2 pcs.)	<b>37.00 00 02</b>

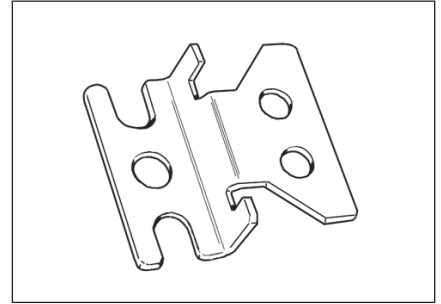
Accessories / Version



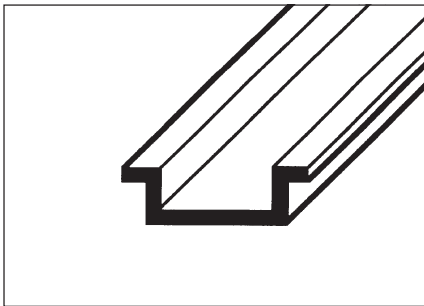
PE bar



PE terminal blocks



External mounting brackets



DIN rail

# Stainless steel IGS-Ex

## Terminal mounting

Make	Phoenix																	Earthing connections														
DIN rail TS 15				X	X	X																										
DIN rail TS 32																																
DIN rail TS 35	X	X	X					X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X				
Voltage (V)	500	550	750	275	275	420	750	750	750	750	750	750	750	726	726																	
Current (A)	17	22	23	21	39	27	30	38	57	72	112	135	210	265	350																	
Nominal cross-section (mm <sup>2</sup> )	1,5	2,5	2,5	2,5	6	4	4	6	10	16	35	50	95	150	185																	
Terminal width (mm)	4,2	5,2	5,2	5,2	8,2	6,2	6,2	8,2	10,2	12,2	15,2	20	25	31	36																	
Terminal type																																
Enclosure type	UK 1,5 N	UK 2,5 N	UK 3 N	MBK 3/E-Z	MBK 6/E	MXK 4	UK 5 N	UK 6 N	UK 10 N	UK 16 N	UK 35	UKH 50	UKH 95	UKH 150	UKH 240		USLKG 1,5 N insulated green/yellow	USLKG 2,5 N insulated green/yellow	USLKG 6 N insulated green/yellow	USLKG 10 N insulated green/yellow	USLKG 16 N insulated green/yellow	USLKG 3 insulated green/yellow	USLKG 5 insulated green/yellow	USLKG 50 insulated green/yellow	USLKG 95 insulated green/yellow	Busbar 1,5 to 6 mm <sup>2</sup>						
<b>35/36.00 22 09</b>	70	56	56	56	36	48	48	36	28	24	9																	8				
<b>35/36.00 22 15</b>	70	56	56	56	36	48	48	36	28	24	9																	8				
<b>35/36.00 32 09</b>	142	114	114	114	72	96	96	72	58	48	38																	16				
<b>35/36.00 33 16</b>	118	96	94	94	60	80	80	60	48	40	32	12																13				
<b>35/36.00 44 16</b>	234	189	189	189	120	159	159	120	96	81	42	32	13															18				
<b>35/36.00 44 21</b>	234	189	189	189	120	159	159	120	96	81	42	32	13															18				
<b>35/36.00 53 16</b>	214	172	172	172	108	144	144	108	88	72	58	22	18	14	12													24				
<b>35/36.00 63 16</b>	260	210	210	210	132	176	176	134	106	90	72	27	22	17	15													29				
<b>35/36.00 64 21</b>	390	315	315	315	198	264	264	201	159	135	72	54	44	17	15													29				

## Terminal mounting

Make	Weidmüller																	Earthing connections										
DIN rail TS 15	X	X	X	X																								
DIN rail TS 32							X	X		X			X				X											
DIN rail TS 35					X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Voltage (V)	275	175	175	275	420	550	550	550	750	550	550	550	550	750	750	750	550	750	750									
Current (A)	15	10	15	21	21	21	21	28	28	36	36	50	50	66	66	109	99	167	202									
Nominal cross-section (mm <sup>2</sup> )	1,5	1,5	2,5	4	2,5	2,5	2,5	4	4	6	6	10	10	16	16	35	35	70	95									
Terminal width (mm)	3,5	5,1	5,1	6,1	5	5	6	6	6	8	8	10	10	12	12	16	18	20,5	27									
Terminal type																												
Enclosure type	WDU 1,5 / R 3.5	AKZ 1,5	AKZ 2,5	AKZ 4	WDU 2,5 N / E	WDU 2,5 / E	SAK 2,5 / E	SAK 4 / E	WDU 4 / E	SAK 6 N / E	WDU 6 / E	SAK 10 / E	WDU 10 / E	SAK 16 / E	WDU 16 / E	WDU 35 / E	SAK 35 / E	WDU 70 N / E	WDU 70 / 95 / E	WPE 2,5 / E reen/yellow	WPE 4 / E reen/yellow	WPE 6 / E reen/yellow	WPE 10 / E reen/yellow	WPE 16 / E reen/yellow	WPE 35 / E green/yellow	WPE 70 / 95 / E green/yellow	Busbar 1,5 to 6 mm <sup>2</sup>	
<b>35/36.00 22 09</b>	84	58	58	48	58	58	48	48	48	36	36	30	30	24	24	9	8											8
<b>35/36.00 22 15</b>	84	58	58	48	58	58	48	48	48	36	36	30	30	24	24	9	8											8
<b>35/36.00 32 09</b>	170	116	116	98	118	118	98	98	98	74	74	60	60	50	50	36	32											16
<b>35/36.00 33 16</b>	142	96	96	80	98	98	82	82	82	62	62	50	50	40	40	30	26											13
<b>35/36.00 44 16</b>	282	192	192	162	195	195	162	162	162	123	123	99	99	81	81	40	36	16	12									18
<b>35/36.00 44 21</b>	282	192	192	162	195	195	162	162	162	123	123	99	99	81	81	40	36	16	12									18
<b>35/36.00 53 16</b>	256	176	174	146	178	178	148	148	148	112	112	90	90	74	74	56	48	22	16									24
<b>35/36.00 63 16</b>	314	214	214	180	218	218	182	182	182	136	136	110	110	90	90	68	60	26	20									29
<b>35/36.00 64 21</b>	471	321	321	270	327	327	273	273	273	204	204	165	165	135	135	68	60	52	40									29

Type: **E Ex e 35.00 22 09**

**E Ex ia 36.00 22 09**

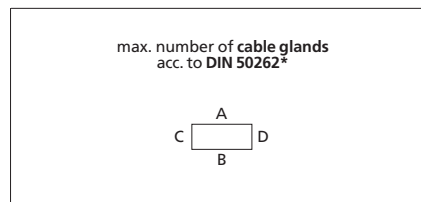
Ex empty enclosure **34.00 22 09**

Certification **ATEX**

External dimensions **200 x 250 x 97 mm**

Weight **2090 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge						
TS 35		8 x 6 mm <sup>2</sup>									
190	170	1	35 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	70	56	48	36	28	24	9	9			
max. number of DIN rails	2	2	2	2	2	2	1	1			
Number of internal cables in dependence to current/A	6										
	10	37	67								
	16	14	25	41							
	20	6	15	26	44						
	25		7	16	26						
	35			5	12	24					
	50					10	20	64			
	63					3	11	21			
	80						4	11	19		
	100							5	10		
	125								4		
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	38	36	7	17,25	38	36
16	25,30	20	17	9	21,85	24	20
20	27,60	12	8	11	25,30	20	17
25	37,95	5	6	13,5	27,60	12	8
32	48,30	3		16	31,05	10	7
40	60,95	3		21	37,95	5	6
50	69,00			29	48,30	3	
63	74,75			36	60,95	3	
				42	69,00		
				48	74,75		

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 118

Type: **E Ex e 35.00 22 15**

**E Ex ia 36.00 22 15**

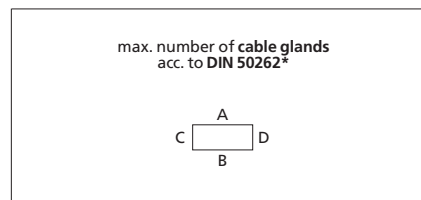
Ex empty enclosure **34.00 22 15**

Certification **ATEX**

External dimensions **200 x 250 x 157 mm**

Weight **2620 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge						
TS 35		8 x 6 mm <sup>2</sup>									
190	170	1	35 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	70	56	48	36	28	24	9	9			
max. number of DIN rails	2	2	2	2	2	2	1	1			
Number of internal cables in dependence to current/A	6										
	10	47	86								
	16	18	32	53							
	20	7	20	34	57						
	25		9	21	34						
	35			6	16	31					
	50				2	12	25	82			
	63					4	14	28			
	80						5	15	25		
	100							7	13		
	125								6		
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	76	75	7	17,25	76	75
16	25,30	35	36	9	21,85	40	38
20	27,60	30	30	11	25,30	35	36
25	37,95	12	15	13,5	27,60	30	30
32	48,30	8	8	16	31,05	20	22
40	60,95	6	5	21	37,95	12	15
50	69,00	3	3	29	48,30	8	8
63	74,75	3	3	36	60,95	6	5
				42	69,00	3	3
				48	74,75	3	3

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 118

Type: **E Ex e 35.00 32 09**

**E Ex ia 36.00 32 09**

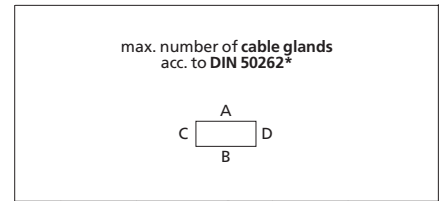
Ex empty enclosure **34.00 32 09**

Certification **ATEX**

External dimensions **350 x 250 x 97 mm**

Weight **3150 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge						
TS 35		16 x 6 mm <sup>2</sup>									
340	320	1	70 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	142	114	96	72	58	48	38	38			
max. number of DIN rails	2	2	2	2	2	2	2	2			
Number of internal cables in dependence to current/A	6										
	10	42	77								
	16	16	29	48							
	20	7	18	30	51						
	25		8	19	31						
	35			6	14	27					
	50				2	11	23	74			
	63					4	13	25			
	80						5	13	22		
	100							6	12		
	125								5		
	160										
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	74	36	7	17,25	74	36
16	25,30	24	17	9	21,85	45	20
20	27,60	24	8	11	25,30	24	17
25	37,95	11	6	13,5	27,60	24	8
32	48,30	7		16	31,05	20	7
40	60,95	5		21	37,95	11	6
50	69,00			29	48,30	7	
63	74,75			36	60,95	5	
				42	69,00		
				48	74,75		

Number of internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 118

Type: **E Ex e 35.00 33 16**

**E Ex ia 36.00 33 16**

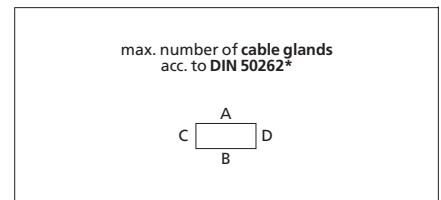
Ex empty enclosure **34.00 33 16**

Certification **ATEX**

External dimensions **300 x 300 x 167 mm**

Weight **4020 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge						
TS 35		13 x 6 mm <sup>2</sup>									
290	270	1	50 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	118	94	80	60	48	40	32	32	12		
max. number of DIN rails	2	2	2	2	2	2	2	2	1		
Number of internal cables in dependence to current/A	6										
	10	55	100								
	16	21	38	62							
	20	9	23	39	67						
	25		11	24	40						
	35			7	18	36					
	50				2	15	30	96			
	63					5	16	32			
	80						6	17	29		
	100							8	16	29	
	125								7	15	
	160									6	
	200										
	225										
	250										
	315										
400											
500											

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	110	88	7	17,25	110	88
16	25,30	55	52	9	21,85	72	60
20	27,60	48	38	11	25,30	55	52
25	37,95	23	21	13,5	27,60	48	38
32	48,30	15	11	16	31,05	33	26
40	60,95	8	8	21	37,95	23	21
50	69,00	7	5	29	48,30	15	11
63	74,75	5	4	36	60,95	8	8
				42	69,00	7	5
				48	74,75	5	4

Number of internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 118

Type: **E Ex e 35.00 44 16**

**E Ex ia 36.00 44 16**

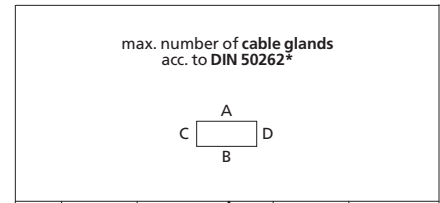
Ex empty enclosure **34.00 44 16**

Certification **ATEX**

External dimensions **380 x 380 x 167 mm**

Weight **5650 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge						
TS 35		36 x 6 mm <sup>2</sup>									
370	350	2	70 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95		
	max. number of terminals**	234	189	159	120	96	81	42	42	32	13	13	
max. number of DIN rails	3	3	3	3	3	3	2	2	2	1	1		
Number of internal cables in dependence to current/A	6												
	10	62	113										
	16	24	43	71									
	20	10	26	45	75								
	25		13	28	45								
	35			8	21	41							
	50				3	16	34	109					
	63					6	19	36					
	80						7	19	33				
	100							9	18	33			
	125								8	17	32		
	160									7	15	26	
	200										6	13	
	225											2	8
	250												4

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	160	140	7	17,25	160	140
16	25,30	70	56	9	21,85	96	80
20	27,60	60	48	11	25,30	70	56
25	37,95	27	27	13,5	27,60	60	48
32	48,30	21	14	16	31,05	44	44
40	60,95	12	10	21	37,95	27	27
50	69,00	9	6	29	48,30	21	14
63	74,75	7	5	36	60,95	12	10
				42	69,00	9	6
				48	74,75	7	5

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 118

Type: **E Ex e 35.00 44 21**

**E Ex ia 36.00 44 21**

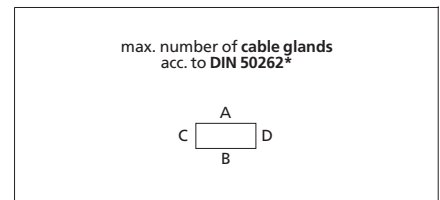
Ex empty enclosure **34.00 44 21**

Certification **ATEX**

External dimensions **380 x 380 x 217 mm**

Weight **6400 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge						
TS 35		36 x 6 mm <sup>2</sup>									
370	350	2	70 mm <sup>2</sup>	•	•						



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95		
	max. number of terminals**	234	189	159	120	96	81	42	42	32	13	13	
max. number of DIN rails	3	3	3	3	3	3	2	2	2	1	1		
Number of internal cables in dependence to current/A	6												
	10	72	131										
	16	28	49	82									
	20	12	30	52	87								
	25		15	32	52								
	35			10	24	47							
	50				3	19	39	126					
	63					7	22	42					
	80						9	23	38				
	100							10	21	38			
	125								9	20	37		
	160									8	17	31	
	200										7	15	
	225											2	9
	250												5

M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	220	200	7	17,25	220	200
16	25,30	98	84	9	21,85	144	128
20	27,60	84	72	11	25,30	98	84
25	37,95	45	36	13,5	27,60	84	72
32	48,30	28	21	16	31,05	66	55
40	60,95	18	14	21	37,95	45	36
50	69,00	12	9	29	48,30	28	21
63	74,75	9	8	36	60,95	18	14
				42	69,00	12	9
				48	74,75	9	8

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 118

Certification **ATEX**

External dimensions **500 x 300 x 167 mm**

Weight **5900 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge									
TS 35		24 x 6 mm <sup>2</sup>												
490	470	1	240 mm <sup>2</sup>	•	•									

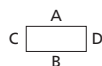
Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
max. number of terminals**	214	172	144	108	88	72	58	58	22	18	18	14	14	12	12
max. number of DIN rails	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
Number of internal cables in dependence to current/A	6														
	10	60	109												
	16	23	41	68											
	20	10	25	43	72										
	25		12	27	43										
	35			8	20	39									
	50				3	16	32	105							
	63					5	18	35							
	80						7	19	32						
	100							9	17	32					
	125								7	17	31				
	160									6	14	25	65		
	200										6	12	20	35	
	225										2	7	14	21	43
	250											4	9	15	24
	315												2	6	10
400														2	7
500															

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 118

max. number of cable glands acc. to DIN 50262\*



M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	216	88	7	17,25	216	88
16	25,30	92	52	9	21,85	147	60
20	27,60	85	38	11	25,30	92	52
25	37,95	36	21	13,5	27,60	85	38
32	48,30	26	11	16	31,05	60	26
40	60,95	14	8	21	37,95	36	21
50	69,00	12	5	29	48,30	26	11
63	74,75	9	4	36	60,95	14	8
				42	69,00	12	5
				48	74,75	9	4

Certification **ATEX**

External dimensions **600 x 300 x 167 mm**

Weight **8180 g**

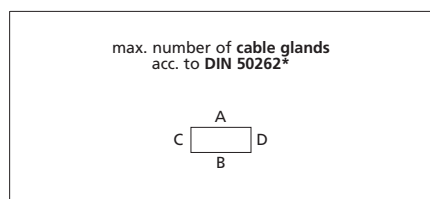
DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge									
TS 35		29 x 6 mm <sup>2</sup>												
590	570	1	240 mm <sup>2</sup>	•	•									

Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
max. number of terminals**	260	210	176	132	106	90	72	72	27	22	22	17	17	15	15
max. number of DIN rails	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1
Number of internal cables in dependence to current/A	6														
	10	62	112												
	16	24	42	70											
	20	10	26	44	75										
	25		13	27	45										
	35			8	21	40									
	50				3	16	33	108							
	63					6	18	36							
	80						7	19	33						
	100							9	18	33					
	125								8	17	32				
	160									7	15	26	67		
	200										6	12	21	36	
	225										2	8	14	22	45
	250											4	10	15	25
	315												2	6	11
400														2	7
500															

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 118



M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	231	88	7	17,25	231	88
16	25,30	115	52	9	21,85	156	60
20	27,60	100	38	11	25,30	115	52
25	37,95	45	21	13,5	27,60	100	38
32	48,30	33	11	16	31,05	72	26
40	60,95	17	8	21	37,95	45	21
50	69,00	16	5	29	48,30	33	11
63	74,75	11	4	36	60,95	17	8
				42	69,00	16	5
				48	74,75	11	4

Certification **ATEX**

External dimensions **600 x 380 x 217 mm**

Weight **10800 g**

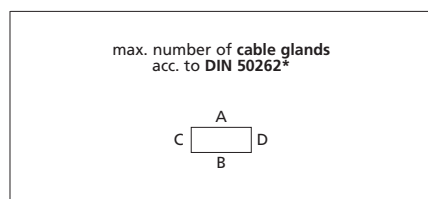
DIN rail length in mm	max. fitting length in mm	PE bar max. number	External earth in mm <sup>2</sup>	External mounting brackets	Hinge									
TS 35		58 x 6 mm <sup>2</sup>												
590	570	2	240 mm <sup>2</sup>	•	•									

Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
max. number of terminals**	390	315	264	198	159	135	72	72	54	44	44	17	17	15	15
max. number of DIN rails	3	3	3	3	3	3	2	2	2	2	2	1	1	1	1
Number of internal cables in dependence to current/A	6														
	10	78	142												
	16	30	53	88											
	20	12	33	56	94										
	25		16	35	56										
	35			11	26	51									
	50				4	21	42	136							
	63					7	23	46							
	80						9	24	42						
	100							11	22	41					
	125								10	22	40				
	160									8	19	33	84		
	200										7	16	26	46	
	225										3	10	18	28	56
	250											5	12	19	31
	315												3	7	13
400														3	10
500															

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 118



M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	330	200	7	17,25	330	200
16	25,30	176	84	9	21,85	208	128
20	27,60	140	72	11	25,30	176	84
25	37,95	75	36	13,5	27,60	140	72
32	48,30	44	21	16	31,05	108	55
40	60,95	27	14	21	37,95	75	36
50	69,00	20	9	29	48,30	44	21
63	74,75	15	8	36	60,95	27	14
				42	69,00	20	9
				48	74,75	15	8

## Dimensions

Type	Ex e	Ex ia	Empty enclosure	Dimensions (mm)								Height	
				Length				Width				$H_U$	$H_{Ges}$
				A	B	C	E	F	I	G	S		
<b>35.00 22 09</b>	<b>36.00 22 09</b>	<b>34.00 22 09</b>		200	250	160	181	210	170	25	1,25	75	97
<b>35.00 22 15</b>	<b>36.00 22 15</b>	<b>34.00 22 15</b>		500	250	460	481	210	170	25	1,25	75	157
<b>35.00 32 09</b>	<b>36.00 32 09</b>	<b>34.00 32 09</b>		350	250	310	331	210	170	25	1,25	75	97
<b>35.00 33 16</b>	<b>36.00 33 16</b>	<b>34.00 33 16</b>		300	300	260	281	260	220	25	1,25	145	167
<b>35.00 44 16</b>	<b>36.00 44 16</b>	<b>34.00 44 16</b>		380	380	340	361	340	300	25	1,25	145	167
<b>35.00 44 21</b>	<b>36.00 44 21</b>	<b>34.00 44 21</b>		380	380	340	361	340	300	25	1,25	195	217
<b>35.00 53 16</b>	<b>36.00 53 16</b>	<b>34.00 53 16</b>		500	300	460	481	260	220	25	1,25	145	167
<b>35.00 63 16</b>	<b>36.00 63 16</b>	<b>34.00 63 16</b>		600	300	560	580	260	220	25	1,5	145	167
<b>35.00 64 21</b>	<b>36.00 64 21</b>	<b>34.00 64 21</b>		600	380	560	580	340	300	25	1,5	195	217

