



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:

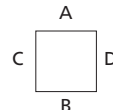
Depending on version with hinged lid, flange plates, silicone lid seal, CR flange seal, welded mounting brackets, external earth connection, DIN rails, internal earth connection, terminals, manufacturing, cable glands.

# 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>	•	•	•

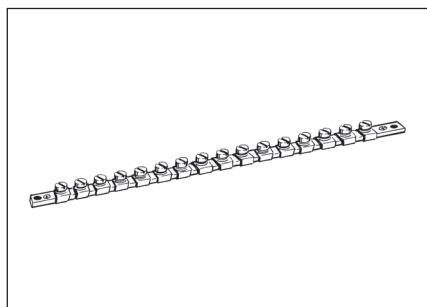
## Flange plates (reserve)

			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

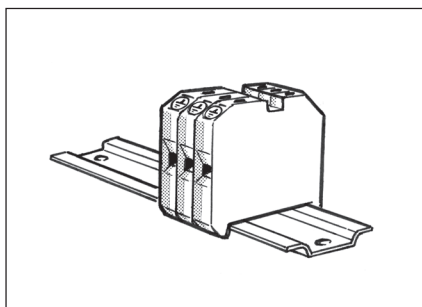
## Mounting plates

	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

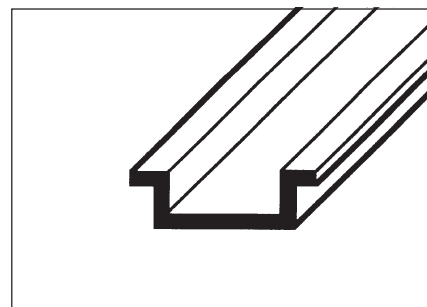
## Accessories / Version



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**

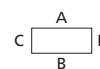
Certification **ATEX**

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**

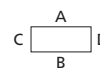
Certification **ATEX**

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
	250												5	12	19
	315													2	7
400															
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
400														4	11
500															

M	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 of 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
400														4	13
500															2

M	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 of 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**

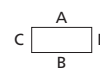
Certification **ATEX**

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



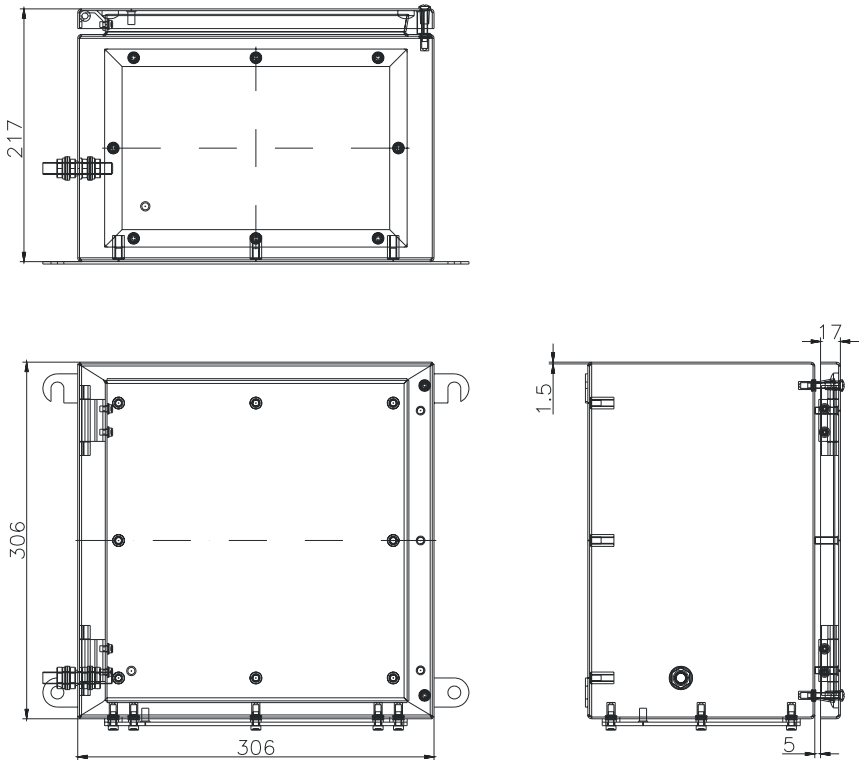
Diameter of connection (mm²)	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240		
	max. number of terminals**	1470	1183	994	749	602	504	348	348	220	175	175	112	112	96	96	
max. number of DIN rails	7	7	7	7	7	7	6	6	5	5	5	4	4	4	4		
Number of internal cables in dependence to current/A	6																
	10	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

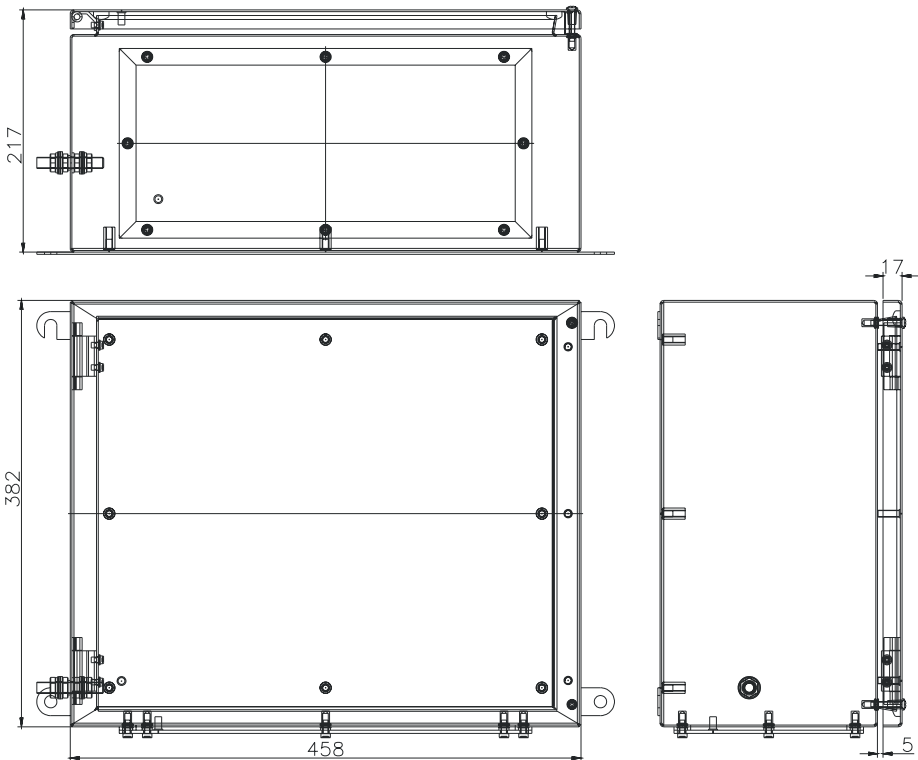
Number of internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 107

Dimensions

Type: 35./36./34.03 33 01



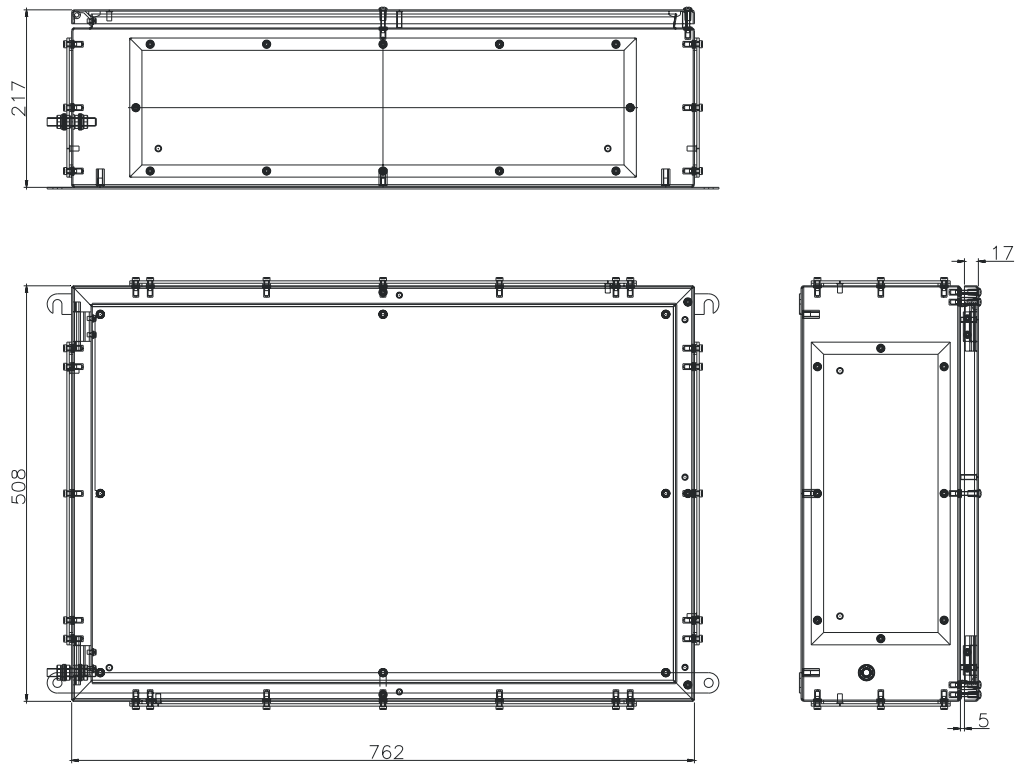
Type: 35./36./34.03 43 01



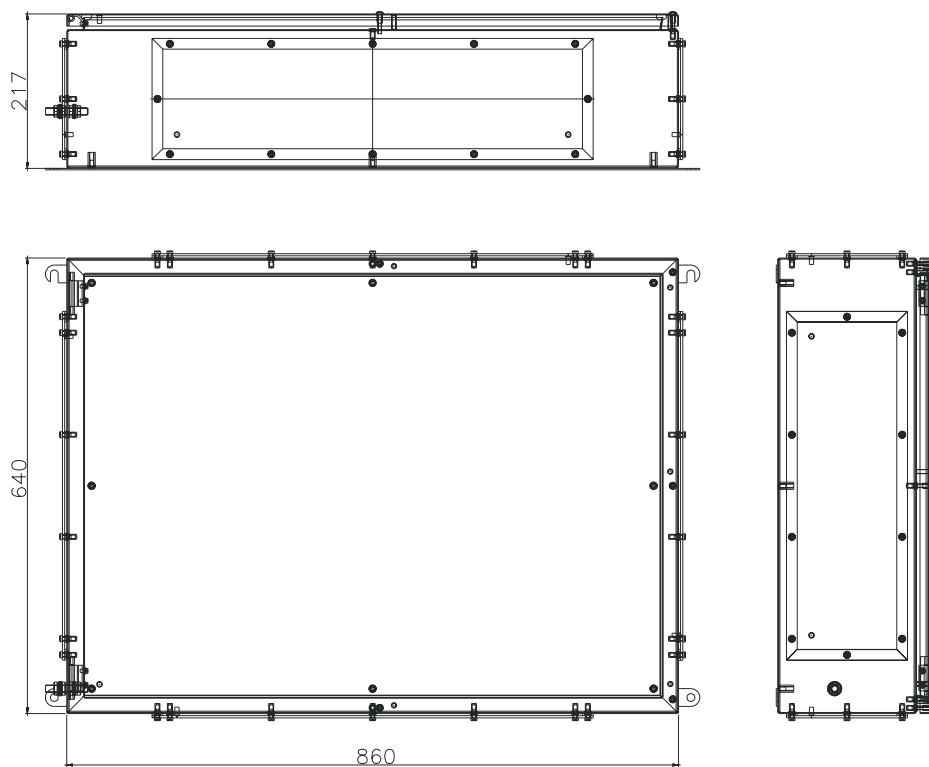
# Stainless steel Ex Flange

## Dimensions

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



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





Dimensions

Type: 35/36/34.03 97 04

