



Further international Ex-Approvals on request

## AUDIN

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### 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 class T5 on request

#### Certificates:

Empty enclosure: PTB 01 ATEX 1061U

Terminal enclosure: PTB 00 ATEX 1002

#### Material:

Glassfibre-reinforced duroplastic polyester,  
graphite added

#### Colour:

similar to RAL 9011, black

#### Ingress protection:

IP 66, EN 60529

#### Impact resistance:

>7 Joule, EN 50014

#### Flammability:

self-extinguishing, UL 94/V0

#### Surface resistance:

<10<sup>9</sup> Ohm, EN 50014

#### Water absorption:

max. 0.7 %, ASTM D570

#### Toxicity:

halogenfree

#### Weather resistance:

UV-stabilized

#### 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)

-55°C with special marking on request



- Empty enclosure with certification for individual fittings
- Terminal enclosure for increased safeguards intrinsic safety
- Quick lock lid system
- Possibility to combine to other Polyester flange enclosures
- Optional: lid with window

### Included in delivery

Empty enclosure:

Enclosure with flanges and silicone seal  
(lid), polyurethane flange seal

Terminal enclosure:

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

# Polyester Flange Ex ATEX

## Programme range

Type			Dimensions
Ex-e	Ex-ia	Leergehäuse	W x L x H (mm)
<i>06.14 01 00</i>	<i>16.14 01 00</i>	<i>26.14 01 00</i>	170 x 270 x 135
<i>06.14 02 00</i>	<i>16.14 02 00</i>	<i>26.14 02 00</i>	270 x 270 x 135
<i>06.14 03 00</i>	<i>16.14 03 00</i>	<i>26.14 03 00</i>	270 x 540 x 135

## Accessories

Type	DIN rail* TS35	PE bar	External mounting bracket	Continuity plate brass	Internal hinge	Mounting plate
<i>06/16/26.14 01 00</i>	•	•	•	•	•	•
<i>06/16/26.14 02 00</i>	•	•	•	•	•	•
<i>06/16/26.14 03 00</i>	•	•	•	•	•	•

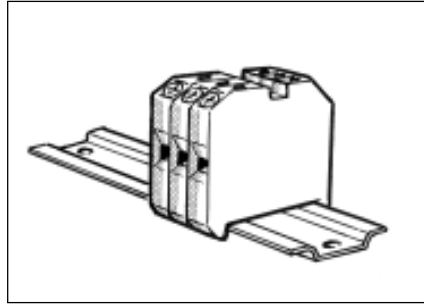
\* TS 32 on request

External mounting brackets (4 pieces)	<i>10.03 11 02</i>
Internal hinges (pair) from xx.12 12 09	<i>14.00 00 26</i>
Threaded inserts (10 pieces)	<i>10.03 50 02</i>
Blind flange incl. fastening wedges	<i>06.14 00 20</i>
Connecting flange incl. fastening wedges	<i>06.14 00 25</i>
Brass continuity plate for blind flange	<i>10.01 60 01</i>
Mounting plate for xx.14 01 00	<i>14.00 00 11</i>
Mounting plate for xx.14 02 00	<i>14.00 00 12</i>
Mounting plate for xx.14 03 00	<i>14.00 00 13</i>

## Accessories / Version

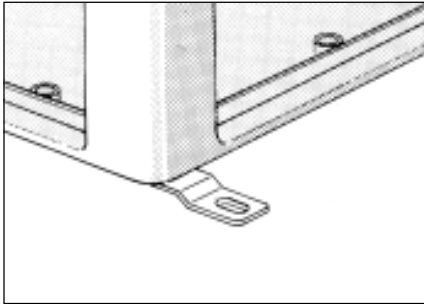


PE bar

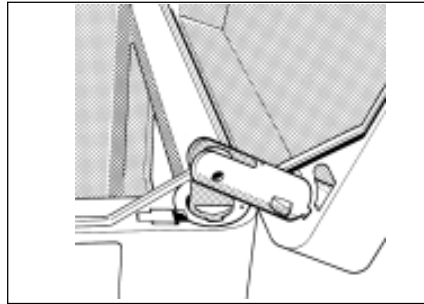


PE terminal blocks

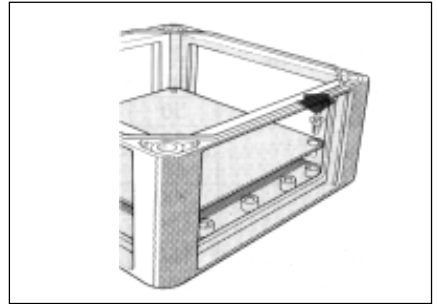
## Accessories



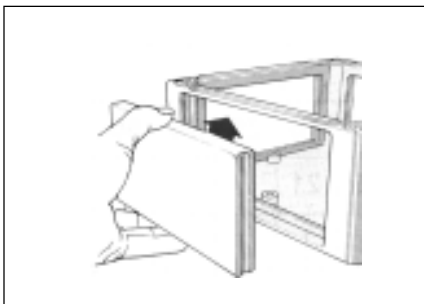
External mounting brackets



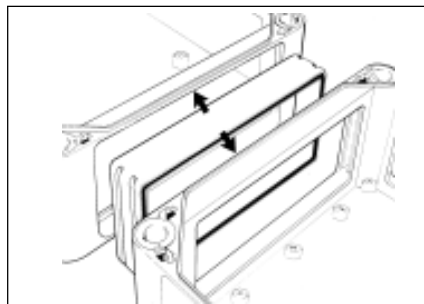
Internal hinges (pair)



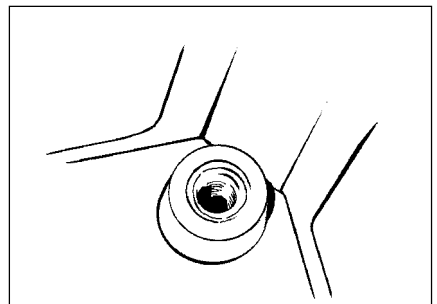
Mounting plate in laminated paper



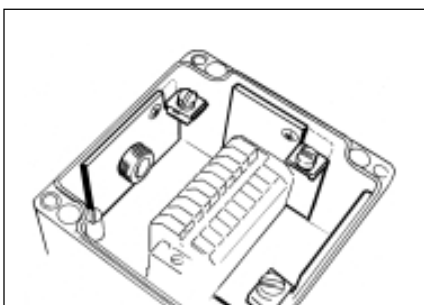
Blind flange



Connecting flange



Threaded inserts



Continuity plate, brass, for blind flange



Type: **EEx e 06.14 01 00**

**EEx ia 16.14 01 00**

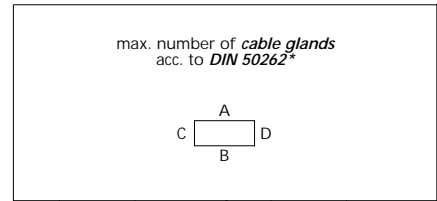
Ex empty enclosure **26.14 01 00**

Certification **ATEX**

External dimensions **170 x 270 x 135 mm**

Weight **1690 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	Internal hinges	Connecting flange	External mounting brackets	Continuity plate, brass	Threaded inserts	Mounting plate in laminated paper	Number/ flange per side
TS 35		20 x 6 mm <sup>2</sup>							A / B C / D
250	220	1	•	•	•	•	•	•	1



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	50	40	34	25	20	17	13	13			
max. number of DIN rails	1	1	1	1	1	1	1	1			
Number of internal cables in dependence to current/A	6										
	10	66									
	16	22	44	171							
	20	9	25	49							
	25		12	28	54						
	35			8	21	53					
	50				3	17	43				
	63					5	20	72			
	80						7	22	80		
	100							9	21		
	125								8		
	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	63	33	7	17,25	63	33
16	25,30	28	16	9	21,85	38	20
20	27,60	22	12	11	25,30	28	14
25	37,95	12	6	13,5	27,60	22	12
32	48,30	8	4	16	31,05	18	9
40	60,95	3	2	21	37,95	11	6
50	69,00	3	1	29	48,30	8	4
63	74,75	2	1	36	60,95	3	2
				42	69,00	3	1
				48	74,75	2	1

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 66

Type: **EEx e 06.14 02 00 8**

**EEx ia 16.14 02 00 8**

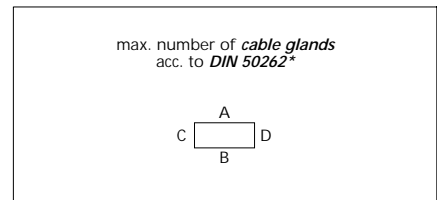
Ex empty enclosure **26.14 02 00 0**

Certification **ATEX**

External dimensions **270 x 270 x 135 mm**

Weight **1900 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	Internal hinges	Connecting flange	External mounting brackets	Continuity plate, brass	Threaded inserts	Mounting plate in laminated paper	Number/ flange per side
TS 35		20 x 6 mm <sup>2</sup>							A / B C / D
210	190	2	•	•	•	•	•	•	1 1



Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95
max. number of terminals**	80	66	54	42	32	22	22	22			
max. number of DIN rails	2	2	2	2	2	2	2	2			
Number of internal cables in dependence to current/A	6										
	10	77									
	16	26	51	198							
	20	11	30	57							
	25		14	32	63						
	35			9	24	61					
	50				3	20	50				
	63					6	23	83			
	80						9	26	93		
	100							11	24		
	125								10		
	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	63	63	7	17,25	63	63
16	25,30	28	28	9	21,85	38	38
20	27,60	22	22	11	25,30	28	28
25	37,95	12	12	13,5	27,60	22	22
32	48,30	8	8	16	31,05	18	18
40	60,95	3	3	21	37,95	11	11
50	69,00	3	3	29	48,30	8	8
63	74,75	2	2	36	60,95	3	3
				42	69,00	3	3
				48	74,75	2	2

Number or internal cables/2 = number of terminals  
 \* not for armoured cables  
 \*\* Base: Terminal block Phoenix Contact, further see page 66

Certification **ATEX**

External dimensions **270 x 540 x 135 mm**

Weight **3350 g**

DIN rail length in mm	max. fitting length in mm	PE bar max. number	Internal hinges	Connecting flange	External mounting brackets	Continuity plate, brass	Threaded inserts	Mounting plate in laminated paper	Number / flange per side	
TS 32/35		20 x 6 mm <sup>2</sup>							A / B	C / D
485	460	2	•	•	•	•	•	•	2	1

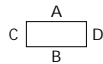
Diameter of connection (mm <sup>2</sup> )	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240
max. number of terminals**	210	168	142	108	86	72	58	58	44	36					
max. number of DIN rails	2	2	2	2	2	2	2	2	2	2					
Number of internal cables in dependence to current/A	6														
	10	85													
	16	29	56	220											
	20	12	33	64											
	25		15	36	69										
	35			10	27	67									
	50				4	22	56								
	63					7	26	92							
	80						10	29	103						
	100							12	27						
	125								11	27					
	160									9	24				
	200										8	21	65		
	225										3	12	25		
	250											6	15	32	
	315												3	9	19
400														4	13
500															

Number of internal cables/2 = number of terminals

\* not for armoured cables

\*\* Base: Terminal block Phoenix Contact, further see page 66

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

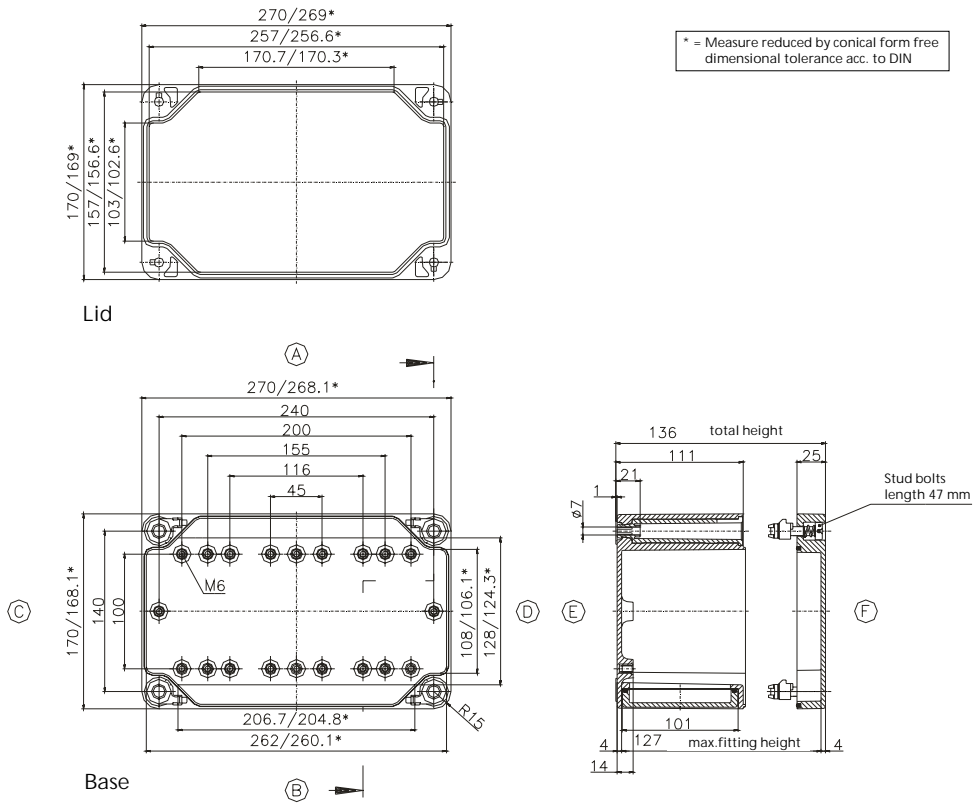


M	Cross-corner dim.	Side		PG	Cross-corner dim.	Side	
		A/B	C/D			A/B	C/D
12	17,25	63	63	7	17,25	63	63
16	25,30	28	28	9	21,85	38	38
20	27,60	22	22	11	25,30	28	28
25	37,95	12	12	13,5	27,60	22	22
32	48,30	8	8	16	31,05	18	18
40	60,95	3	3	21	37,95	11	11
50	69,00	3	3	29	48,30	8	8
63	74,75	2	2	36	60,95	3	3
				42	69,00	3	3
				48	74,75	2	2

# Polyester Flange Ex ATEX

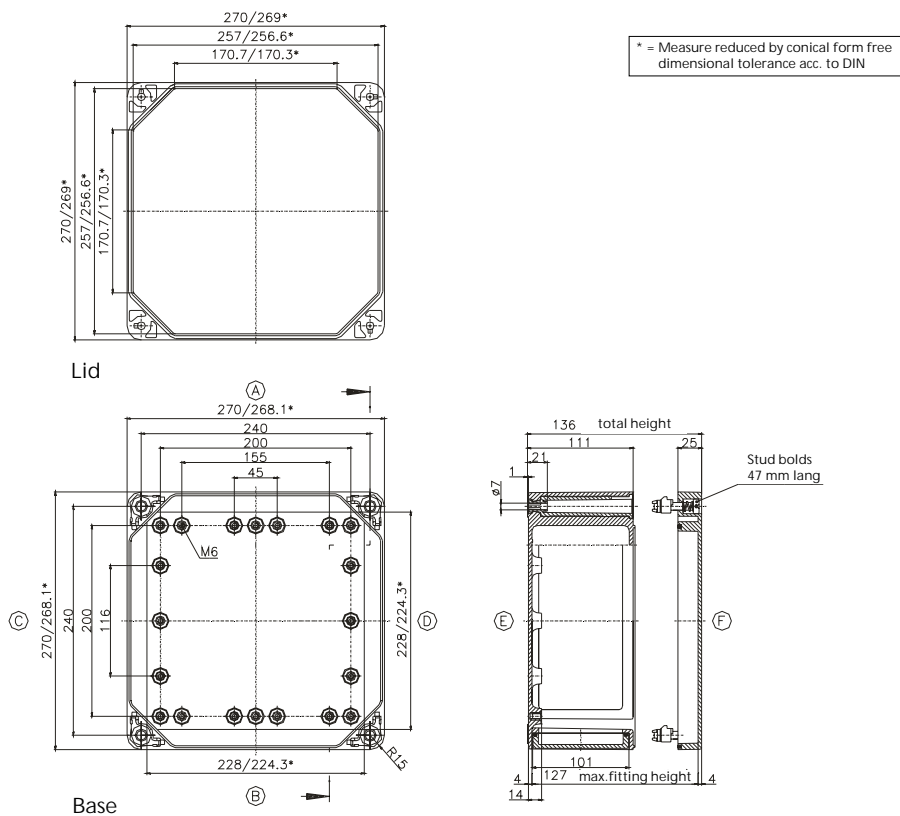
Type

06/16/26.14 01 00



Type

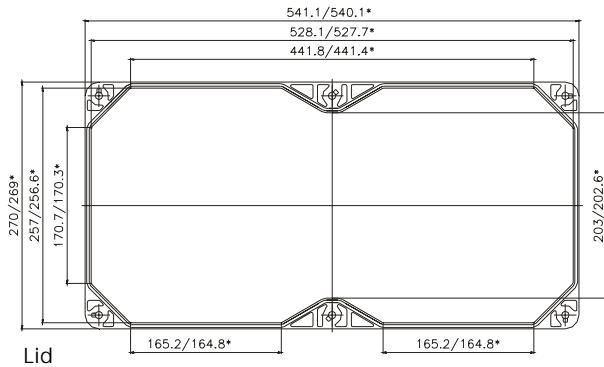
06/16/26.14 02 00



# Polyester Flange Ex ATEX

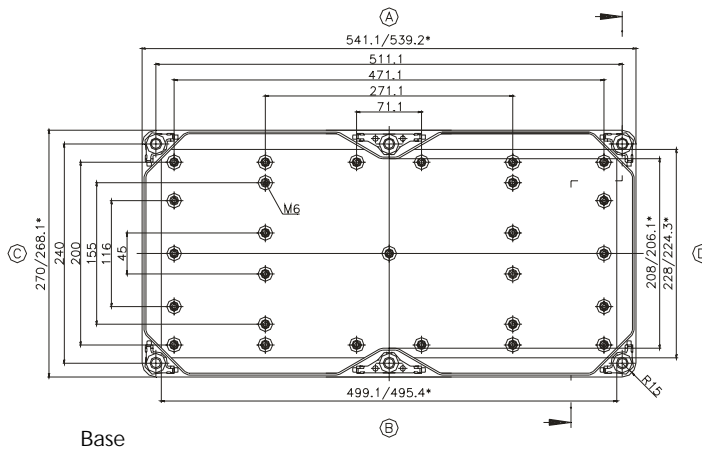
Type

06/16/26.14 03 00

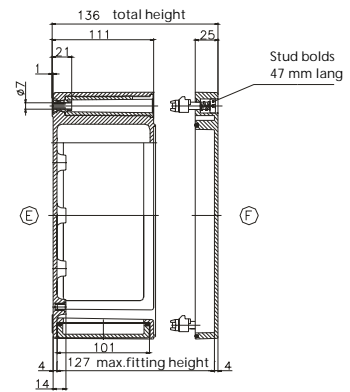


Lid

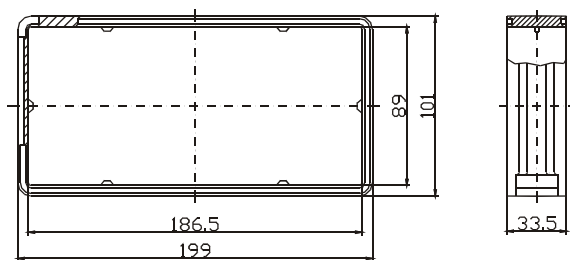
\* = Measure reduced by conical form free dimensional tolerance acc. to DIN



Base



**Connecting flange**  
incl. fastening wedges  
Order No.: 06.14 00 25  
Weight: 190 g



**Blind flange**  
incl. fastening wedges  
Order No.: 06.14 00 20  
Weight: 190 g

