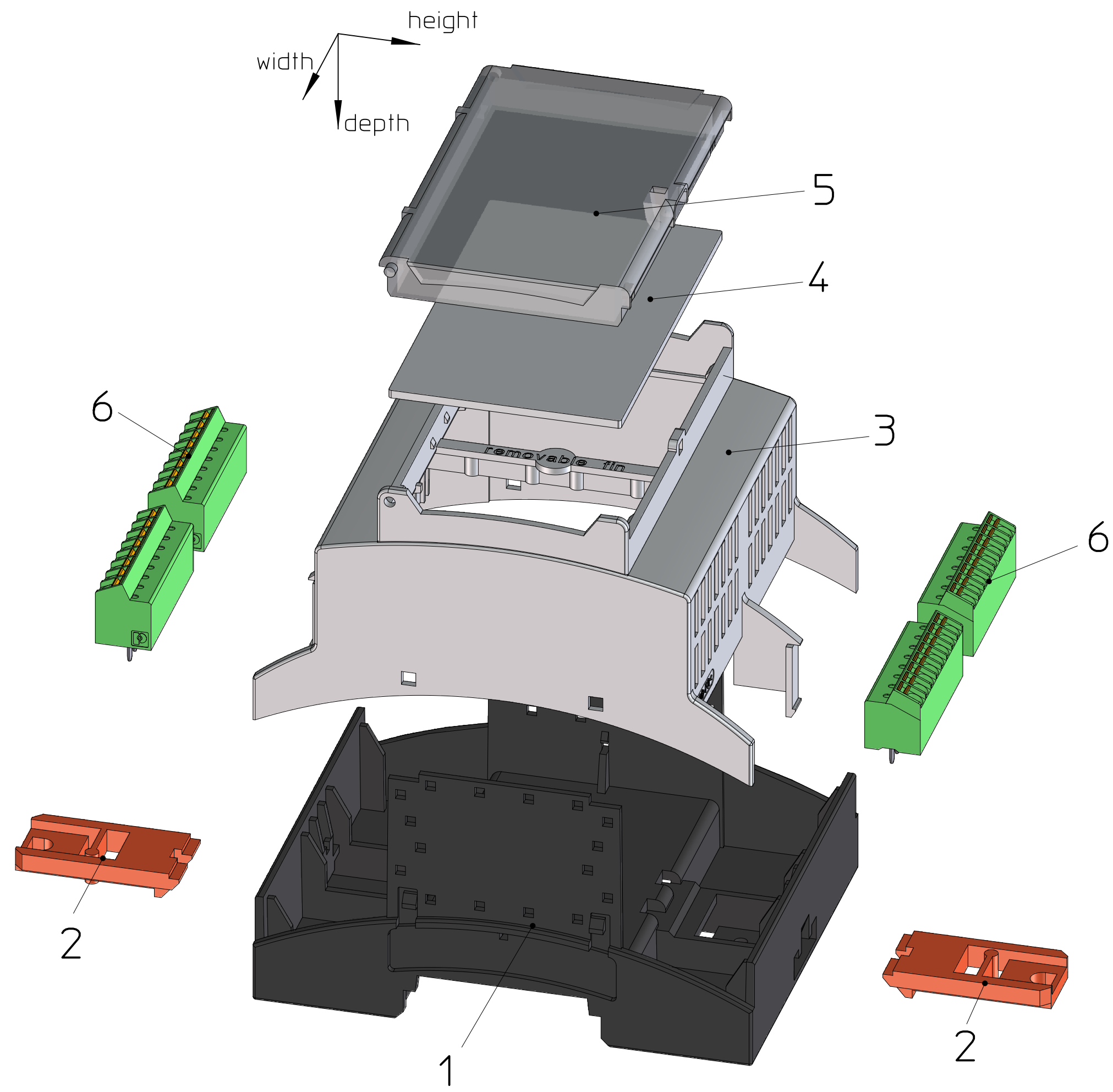


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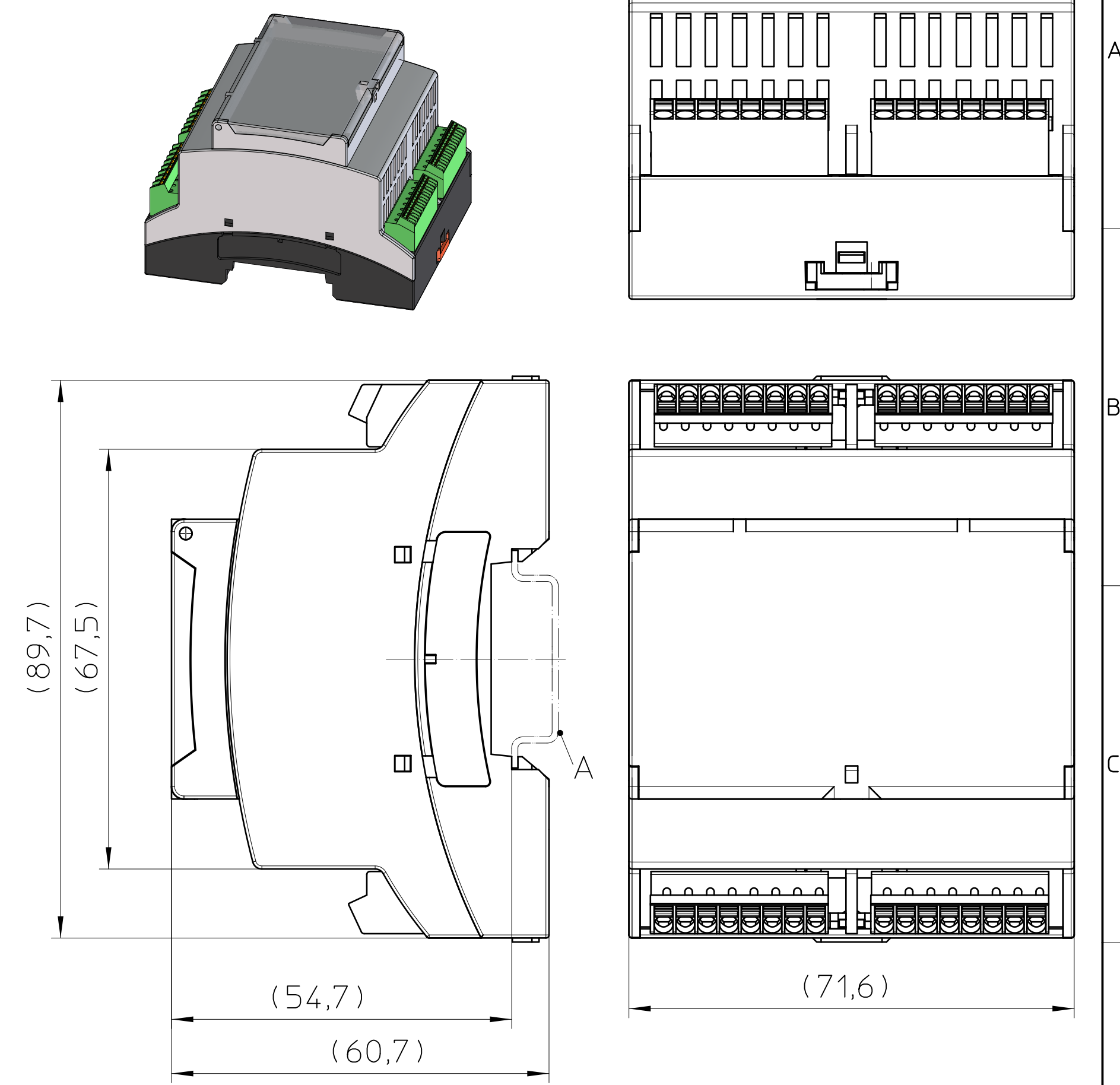
General Information:

- Simplified representation
- Document excluded from change process
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Web: www.phoenixcontact.com

Additional Information:

A) Mounting rail like EN 60715, TH 35-7,5 or mounting rail similar to EN 60715, TH 35-15x1,5

Assembly example



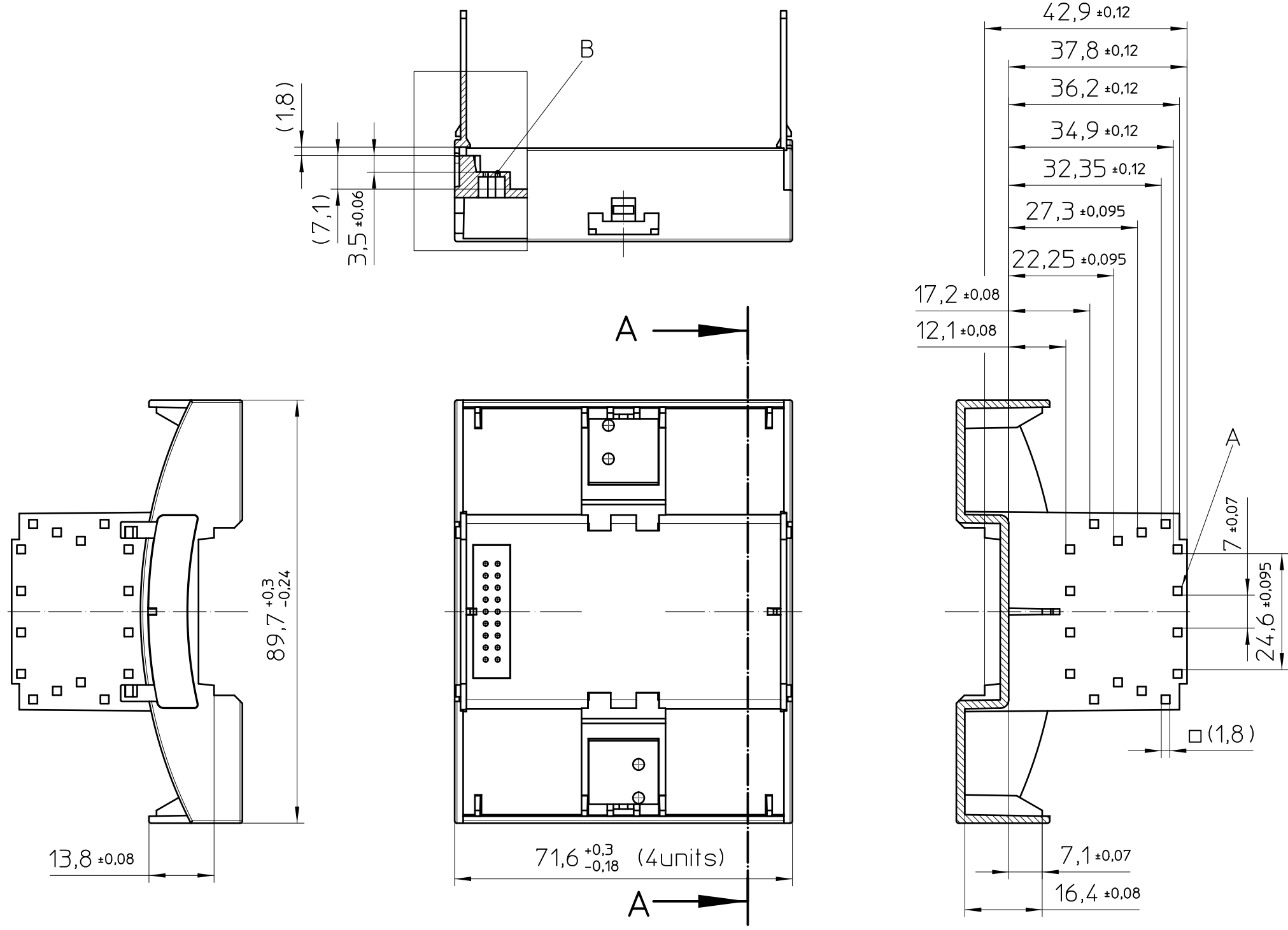
KIT (not mounted)				
Pos.	QTY	Description		
1	1	HOUSING LOWER PART		
2	2	FOOT CATCH		
3	1	HOUSING UPPER PART		
4	1	PLATE		
5	1	COVER		
6	4	CONNECTOR SPTA		
		DIN A3	document-No. / RI 01377605 / 00	date 16.07.2021
		ident.-No. 1456985	document-type TECDOC 2D_Productdrawing	scale 1:1
page 1 of 6		description BC 71,6-SKT-U11-7035+4SPTA6		

A
B

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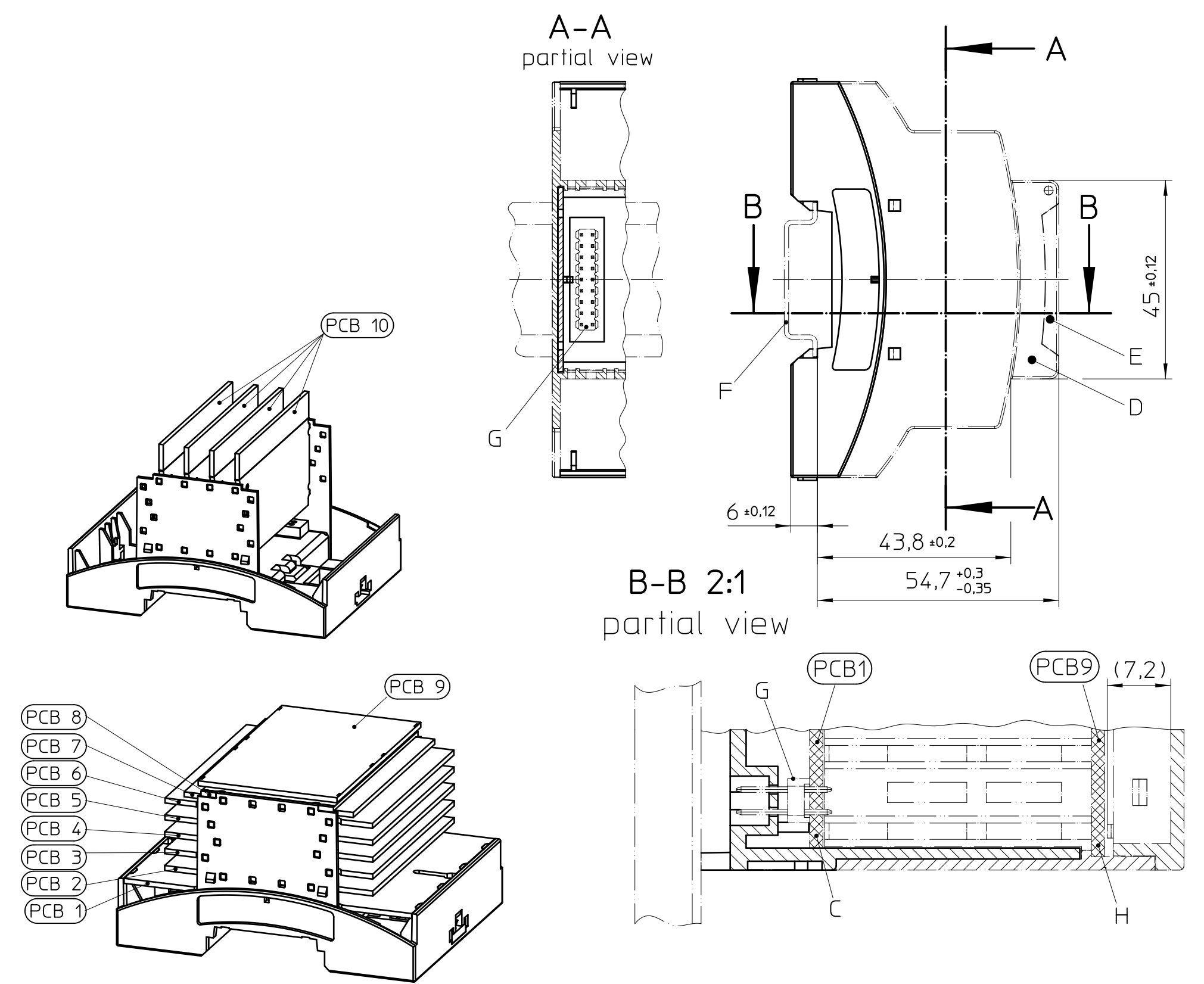
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HOUSING LOWER PART

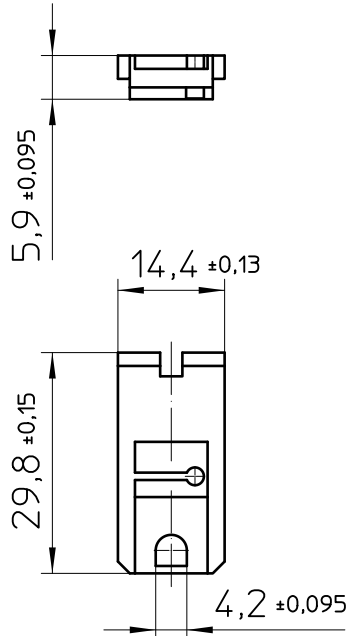


Assembly example

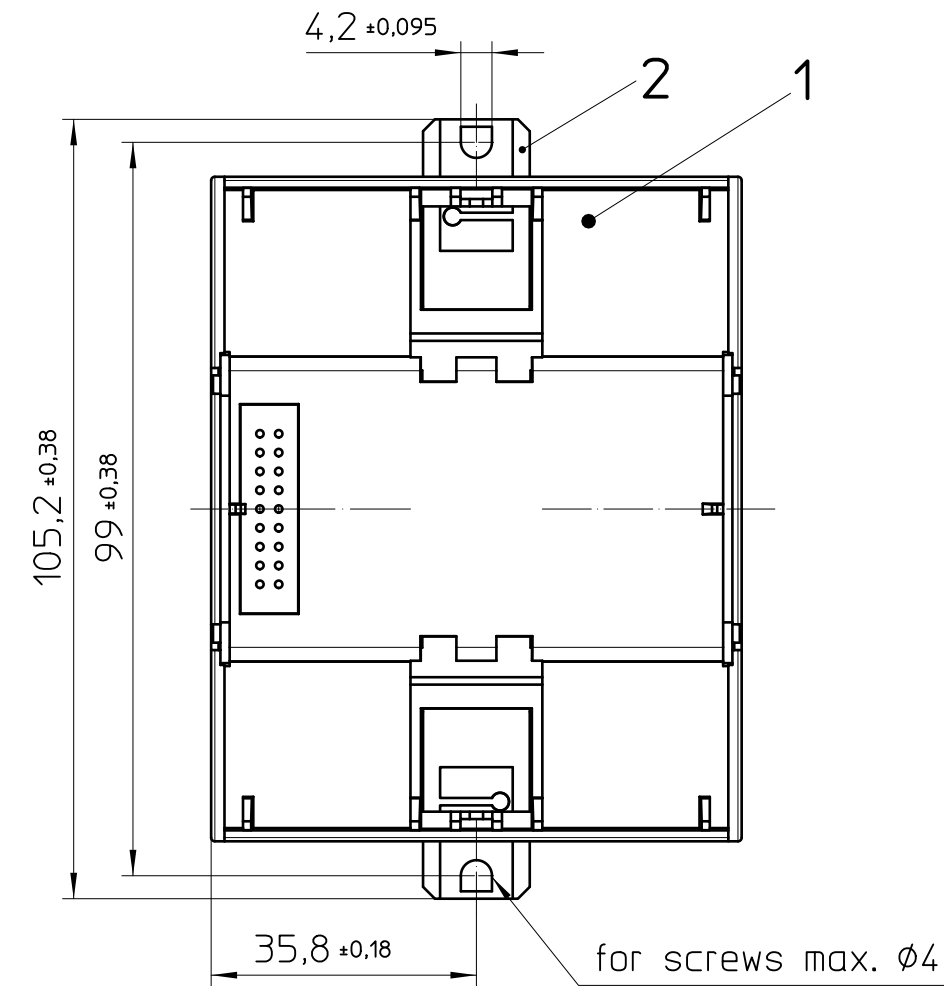
Overall dimensions complaint DIN 43880



FOOT CATCH



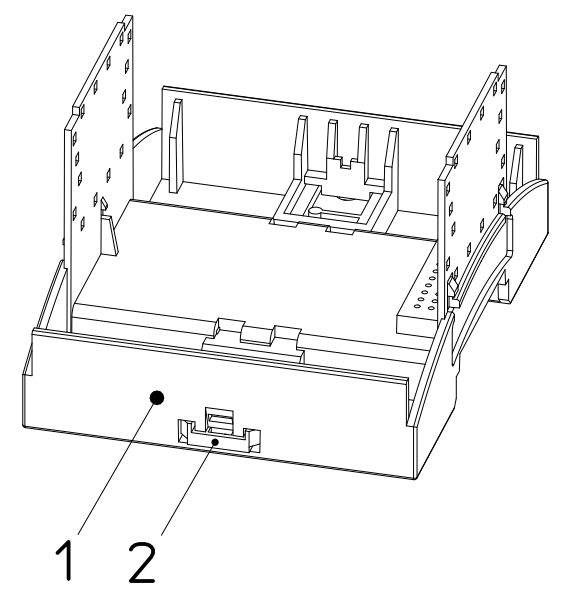
WALL MOUNTING



General Information:
- Simplified representation
- Document excluded from change process
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2,
- Web: www.phoenixcontact.com webcode: #0311

Additional Information:
A. PCB fixing
B. HBUS connector
C. PCB 1 (main PCB)
D. Housing upper part
E. Cover
F. Mounting rail like EN 60715: TH 35-7,5 or mounting rail TH 35-15x1,5 similar to EN 60715
G. Plug for HBUS, (PSTD 0,65x0,65/9-2,54)
H. Position PCB 9 or position plate

HOUSING LOWER PART with FOOT CATCH mounted



Pos.	QTY	Description	Material
1	1	HOUSING LOWER PART	PC
2	2	FOOT CATCH	POM

DIN A2

document-No. / RI01377605 / 00

ident.-No.1456985

document-typeTECDOC 2D_Productdrawing

descriptionBC 71,6-SKT-U11-7035+4SPTA6

date16.07.2021

scale1:1

page 2

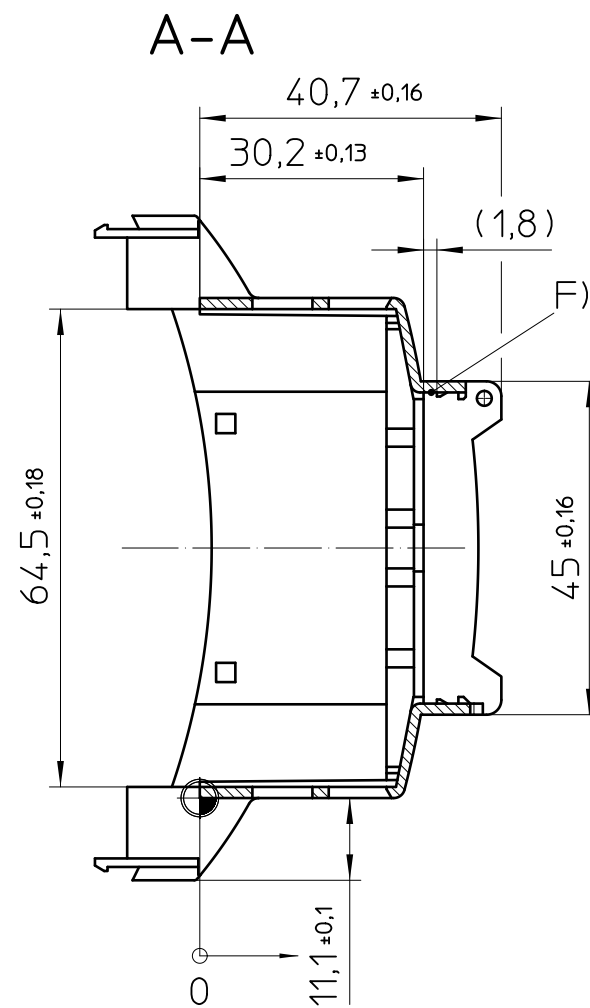
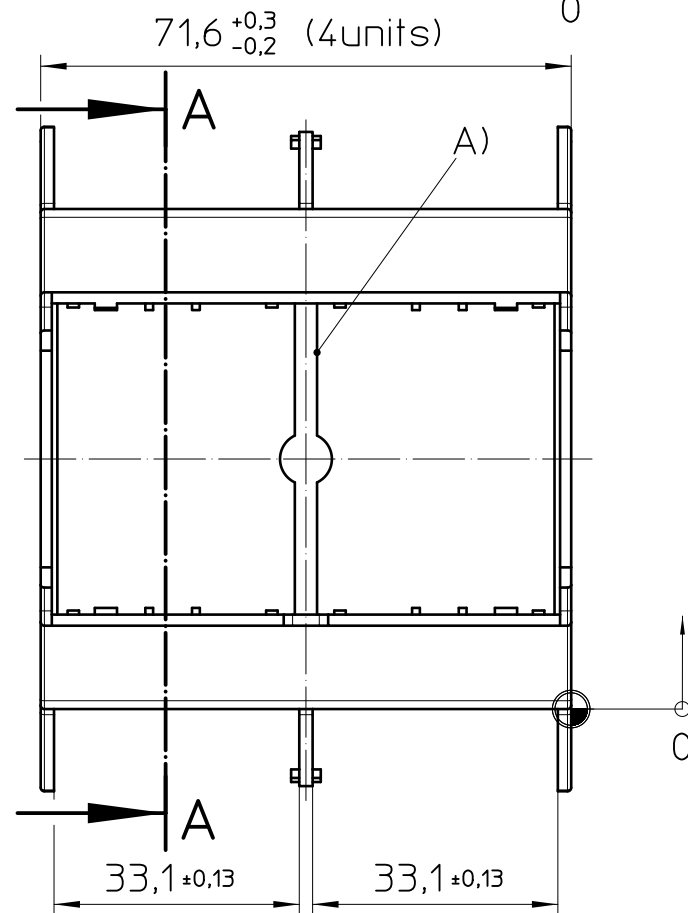
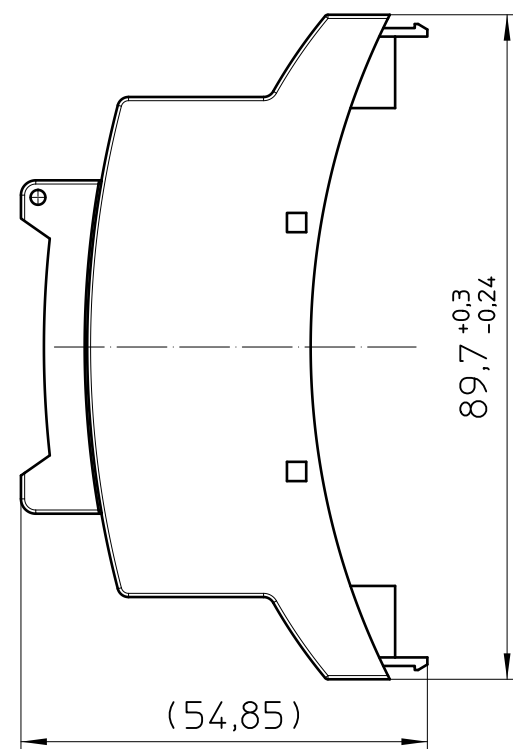
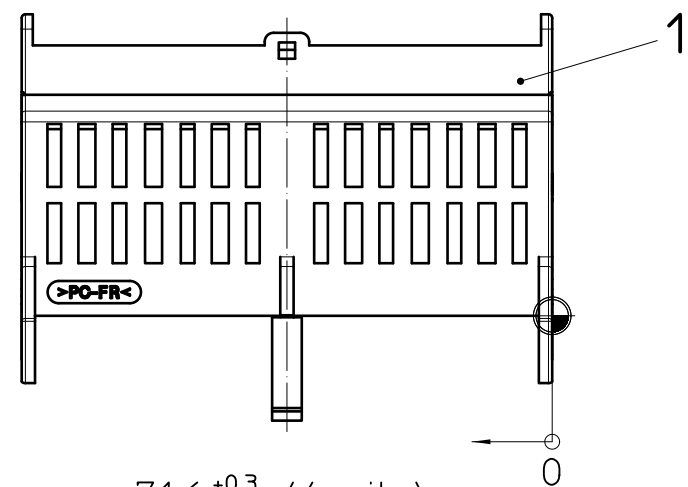
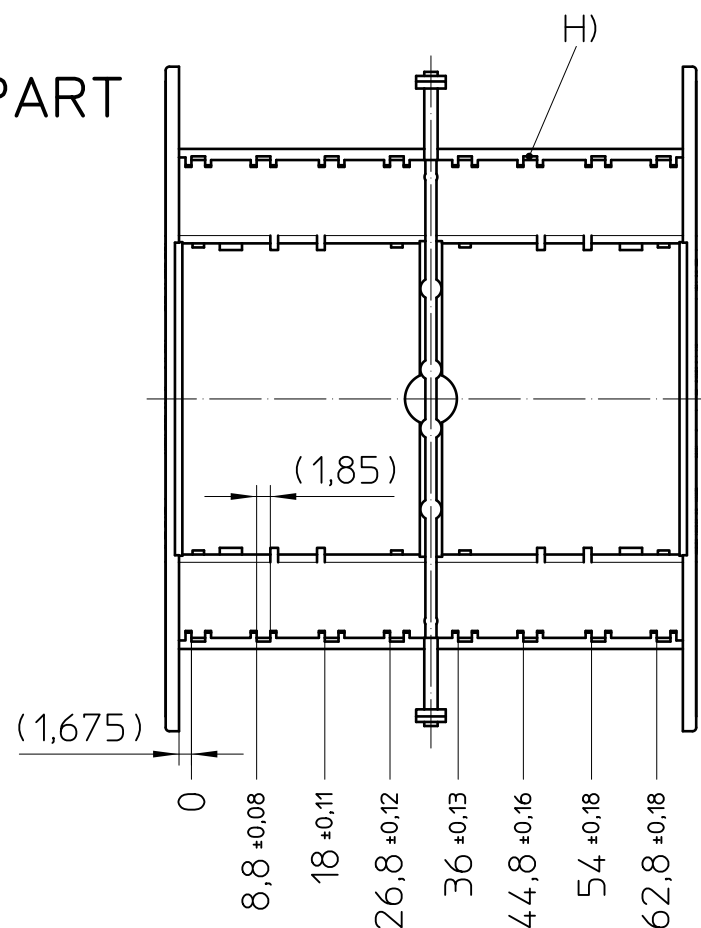
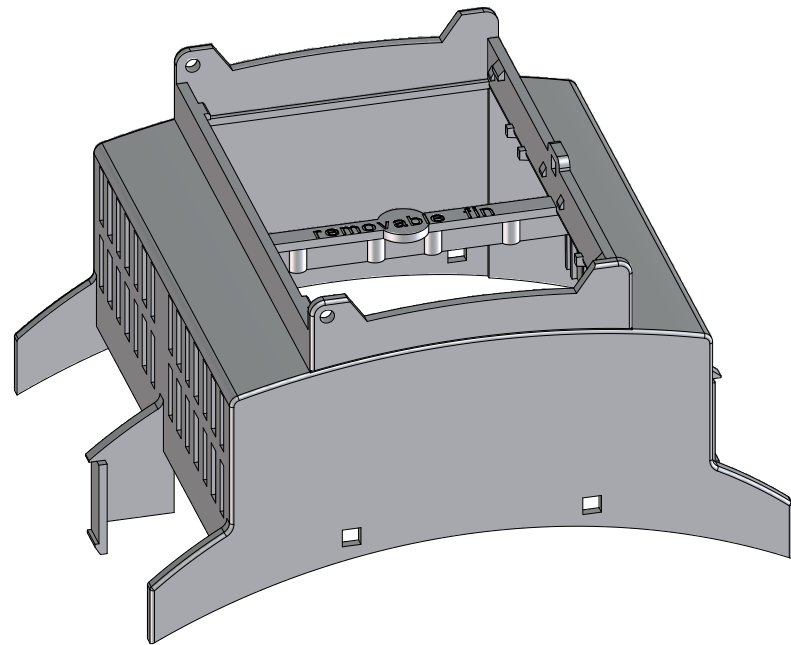
of 6

A
B

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HOUSING UPPER PART



General Information:

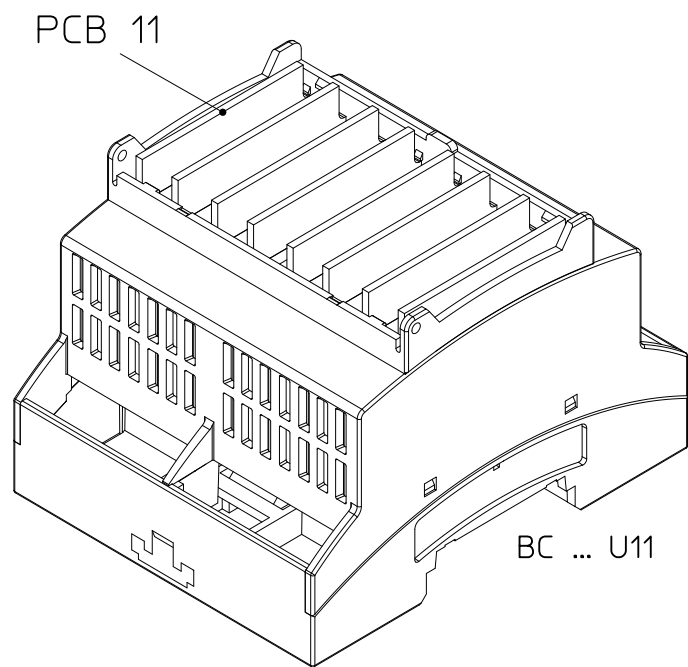
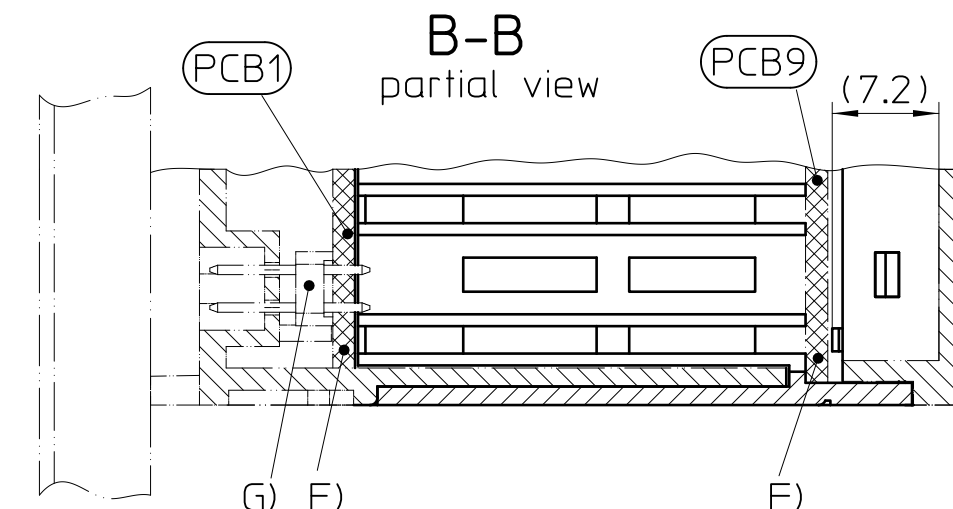
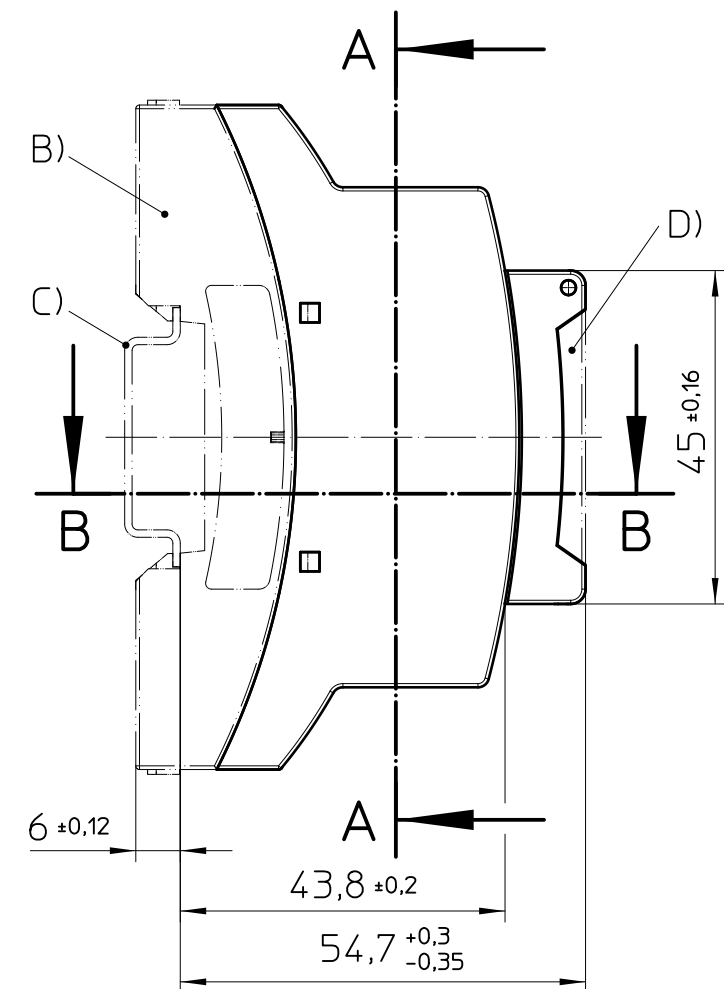
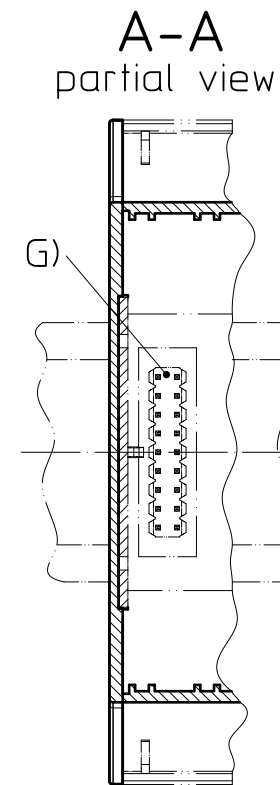
- Simplified representation
- Document excluded from change process
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Workpiece zero point for mechanical processing
- Tolerances for mechanical processing are ISO 2768-mK
- Tolerances for printing DIN ISO 2768-m
- Machining radii min. R1, further on request
- Web: www.phoenixcontact.com webcode: #0311

Additional information:

- A) If PCB 7+8 used, the fin has to be removed
- B) Housing lower part
- C) Mounting rail like EN 60715: TH 35-7,5 or mounting rail TH 35-15x1,5 similar to EN 60715
- D) Cover
- E) PCB 1 (main PCB)
- F) Position PCB 9 or position plate
- G) Header for HBUS (PSTD 0,65X0,65/9-2,54)
- H) PCB guidance for vertical PCB 11

Assembly example

Overall dimensions compliant DIN 43880



Pos.	QTY	Description	Material
1	1	HOUSING UPPER PART	PC
DIN A2		document-No. / R / 01377605 / 00	date 16.07.2021
		ident.-No. 1456985	scale 1:1
page 3 of 6		document-type TECDOC 2D_Productdrawing	
		description BC 71,6-SKT-U11-7035+4SPTA6	

A
B
C
D
E
F

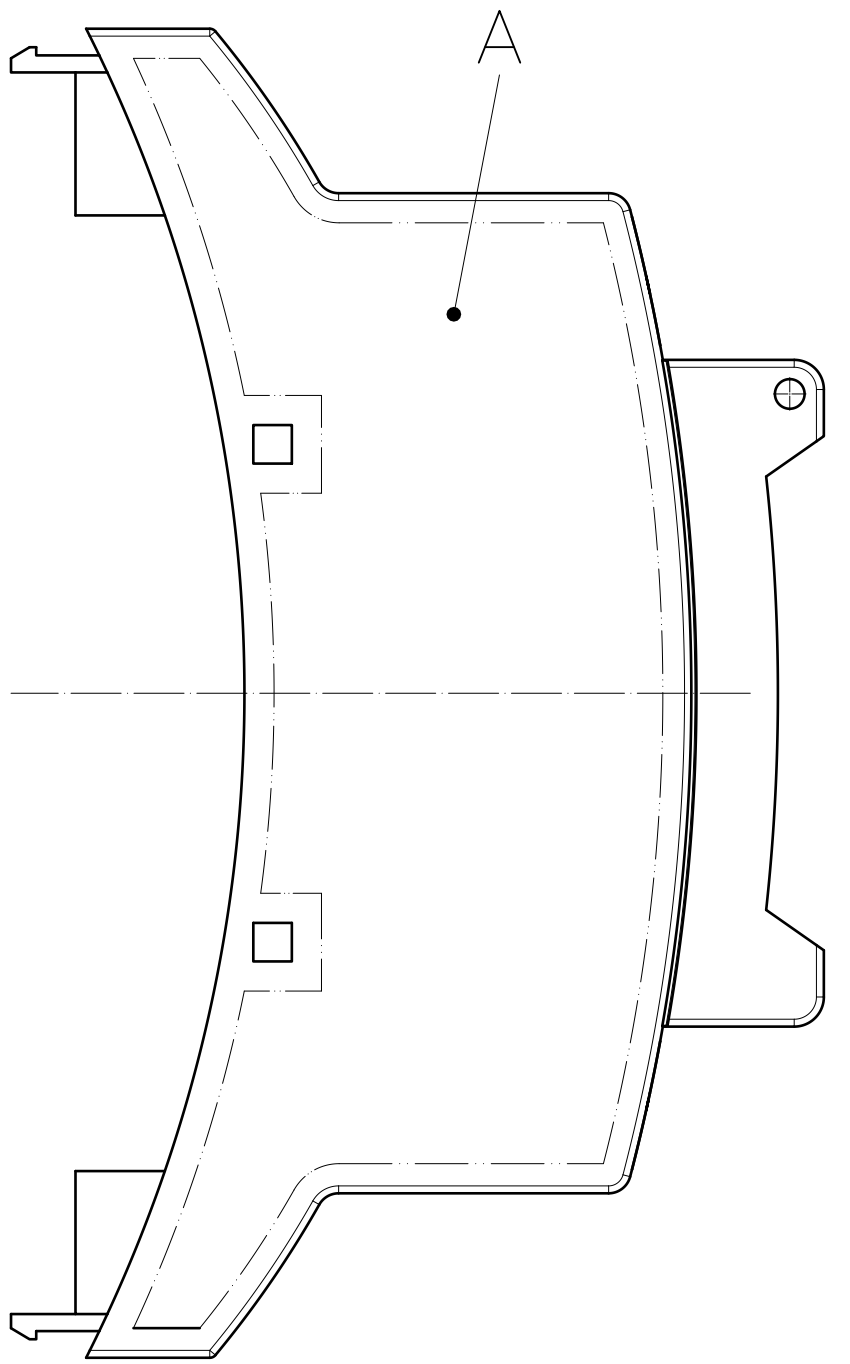
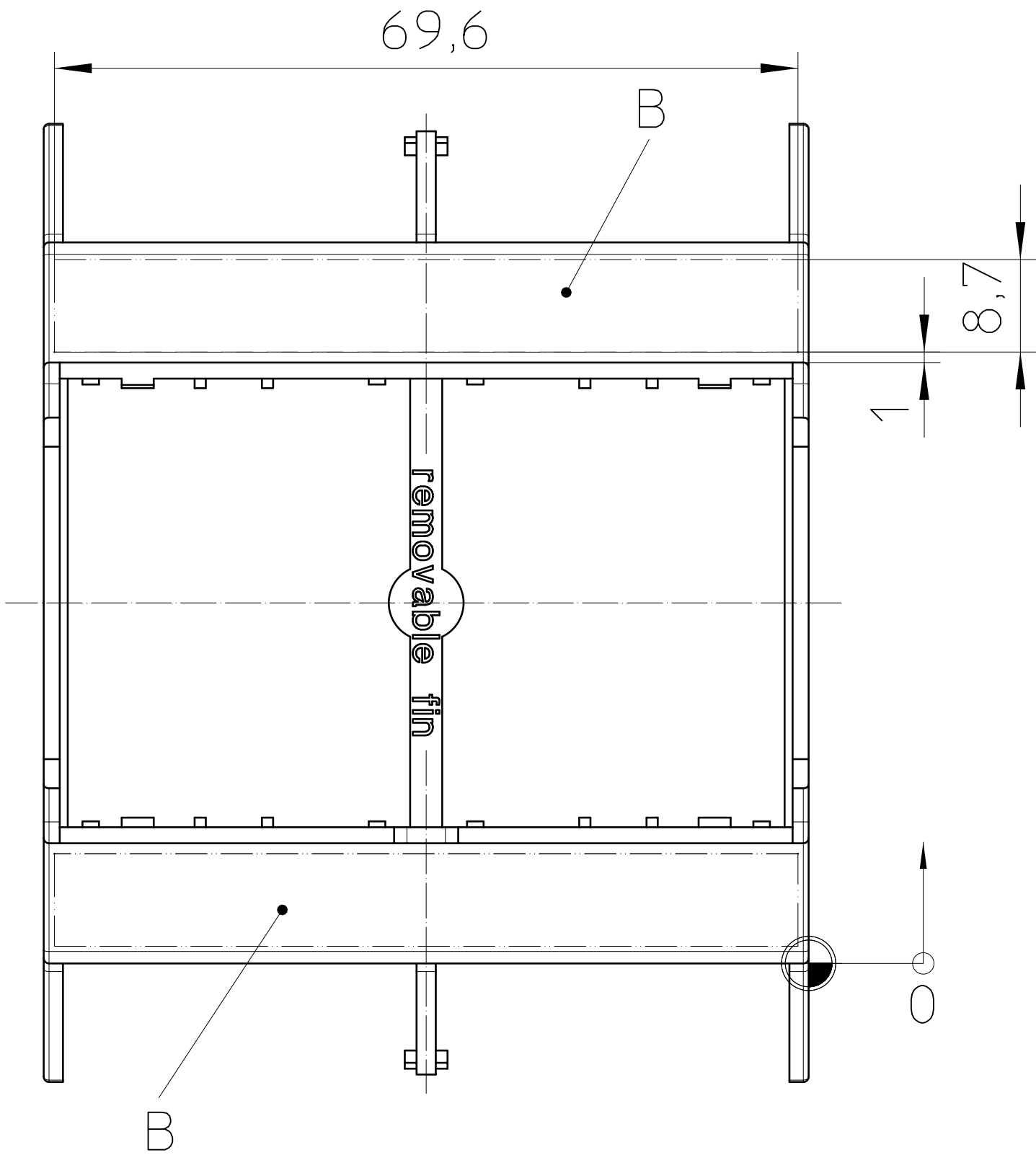
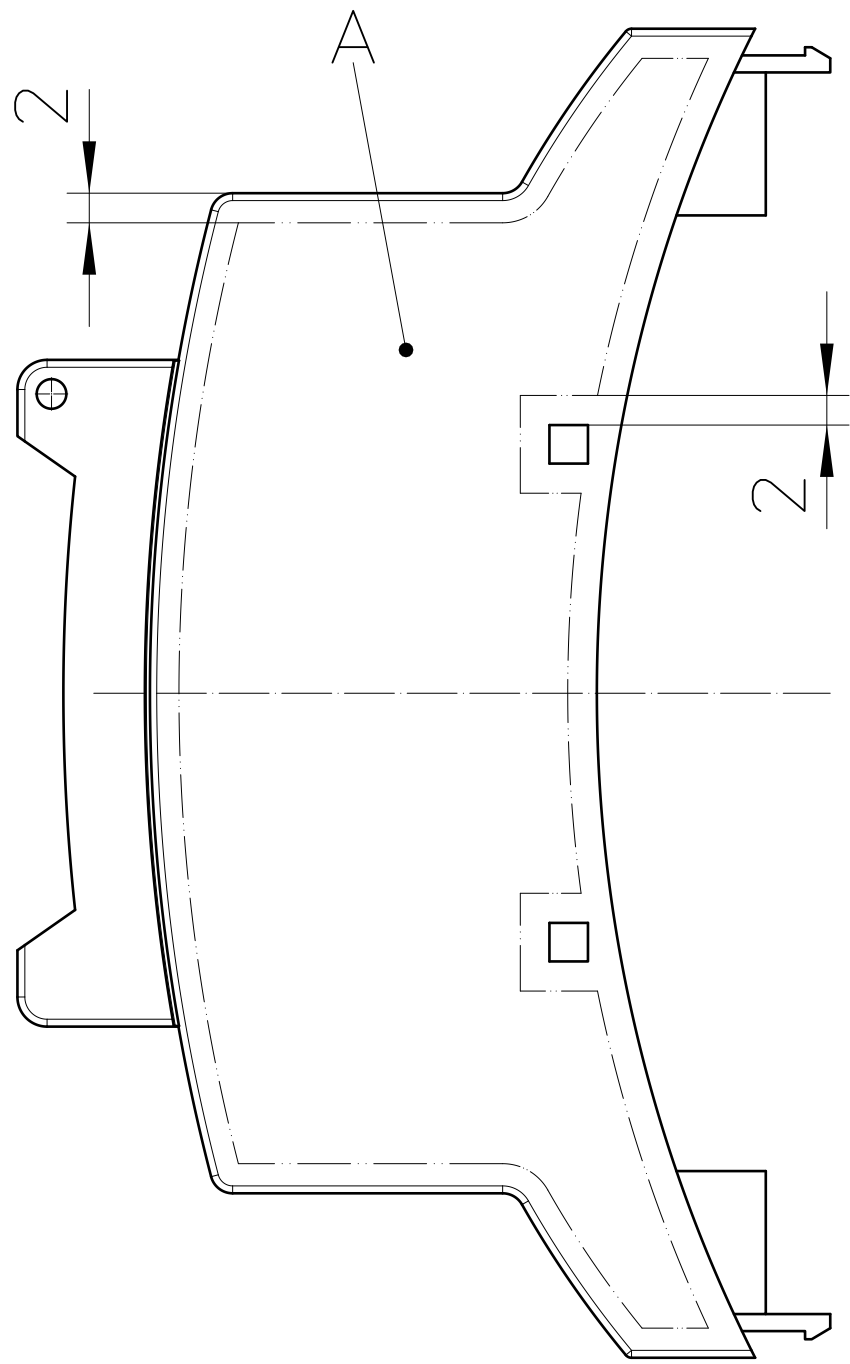
A

B

C

D

Marking area



A

B

C

D

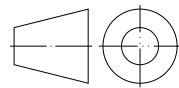
General Information:

- Simplified representation
- Document excluded from change process
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
-  Workpiece zero point for mechanical processing
- Tolerances for mechanical processing are ISO 2768-mk
- Tolerances for printing DIN ISO 2768-m
- Machining radii min. R1, further on request
- Web: www.phoenixcontact.com webcode: #0311

Additional information:

A) Max. marking area left and right for pad printing and laser printing
The marking area has 2mm distance from all contours of this face

B) Marking area for pad printing and laser printing

 DIN A4		document-No. / RI 01377605 / 00		date 16.07.2021	scale 1:1
		ident.-No. 1456985	document-type TECDOC 2D_Productdrawing		
		description BC 71,6-SKT-U11-7035+4SPTA6			
page 4		of 6			

1

2

3

4

5

6

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1

2

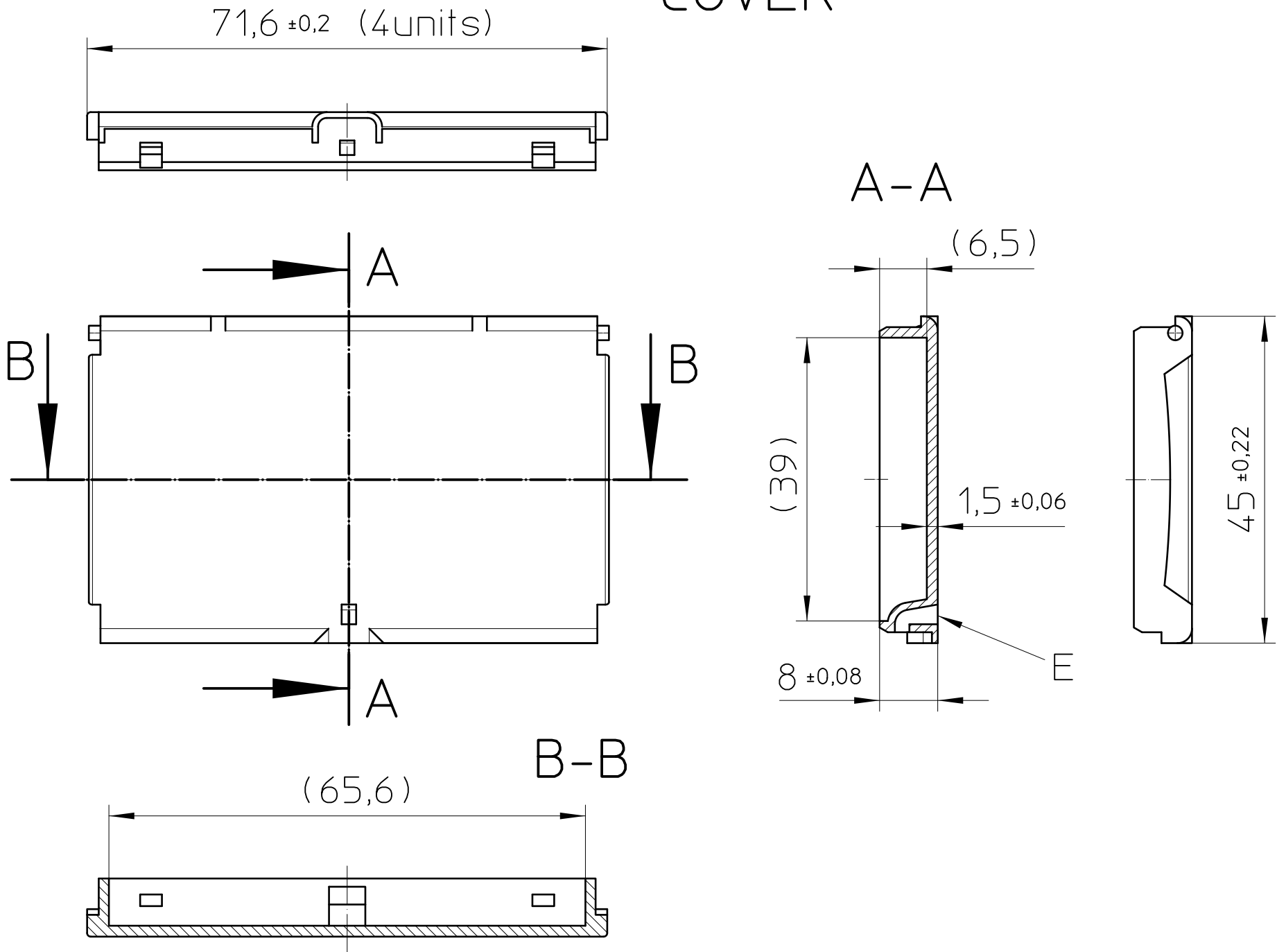
3

4

5

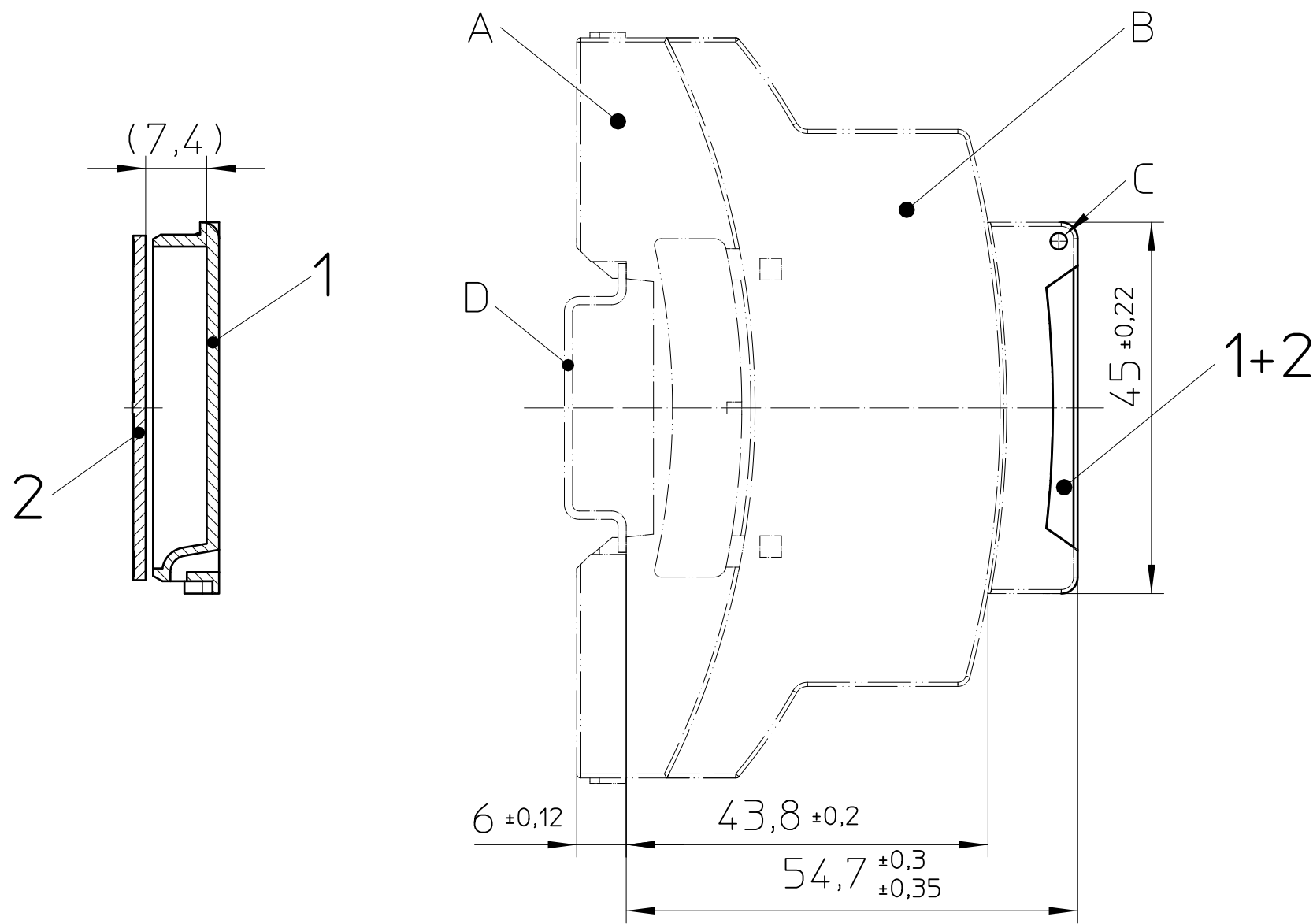
6

COVER

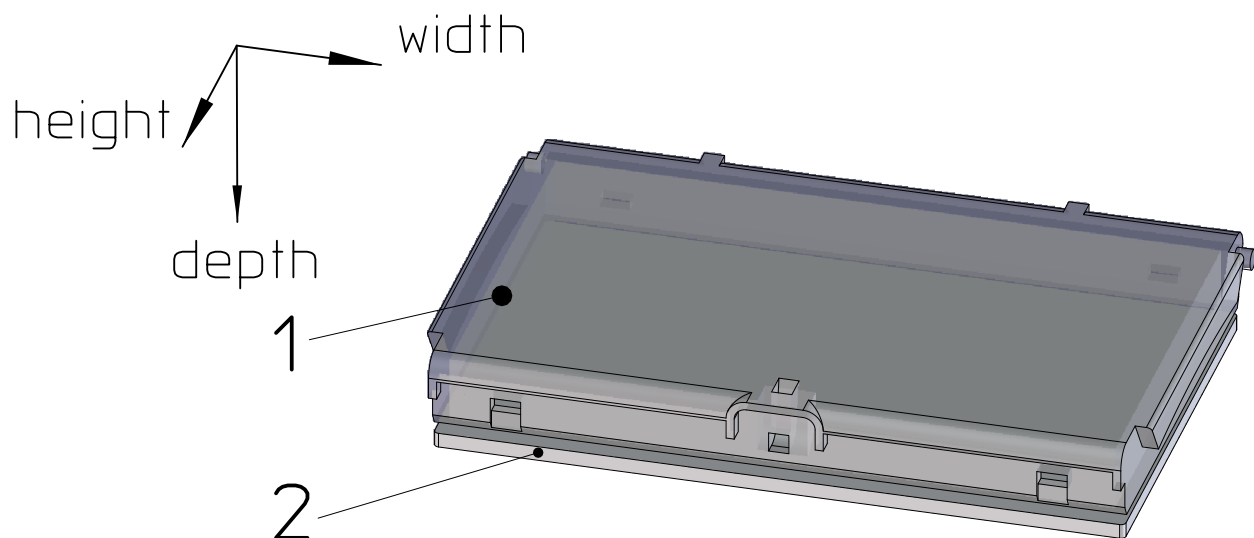
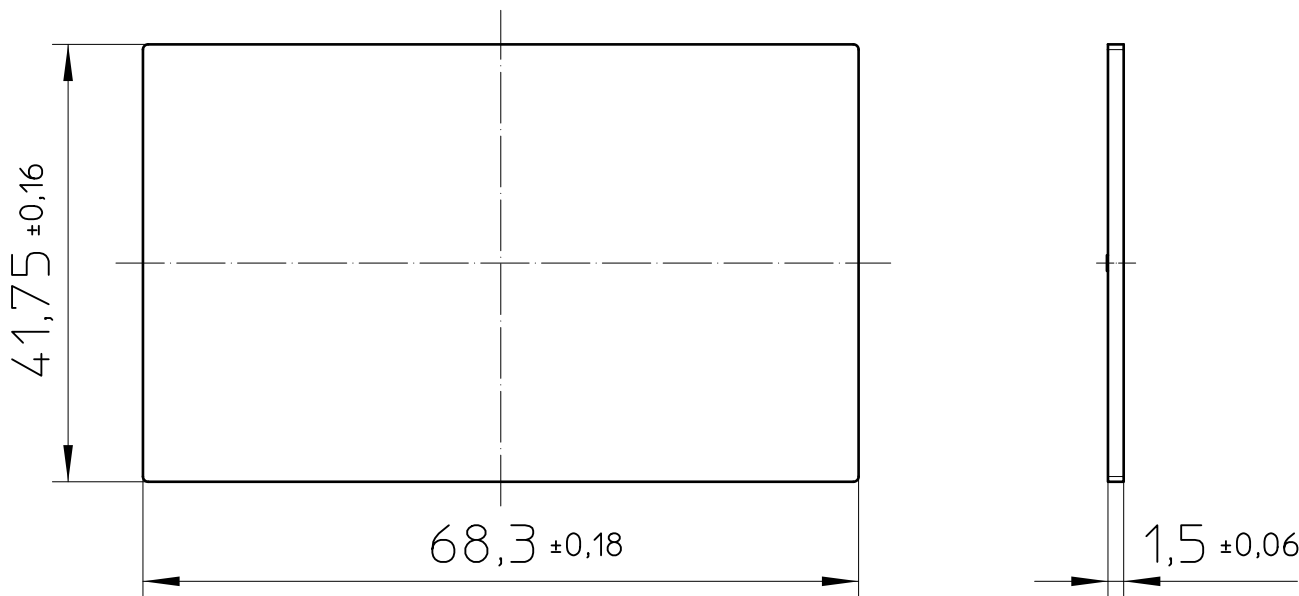


Assembly example

Overall dimensions complaint DIN 43880



PLATE



General information:

- Simplified representation, exemplary shown in gray.
- Document excluded from change process
- Units are in millimeters [mm] and degrees [°]
- Tolerances apply in a normal climate according to DIN EN ISO 291-23/50-2
- Further information: www.phoenixcontact.com webcode: #0311

Additional information:

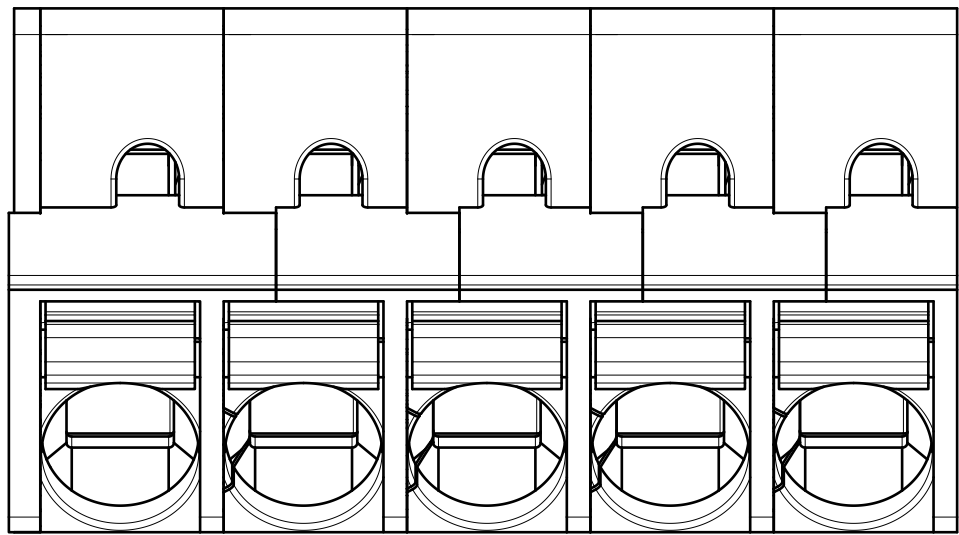
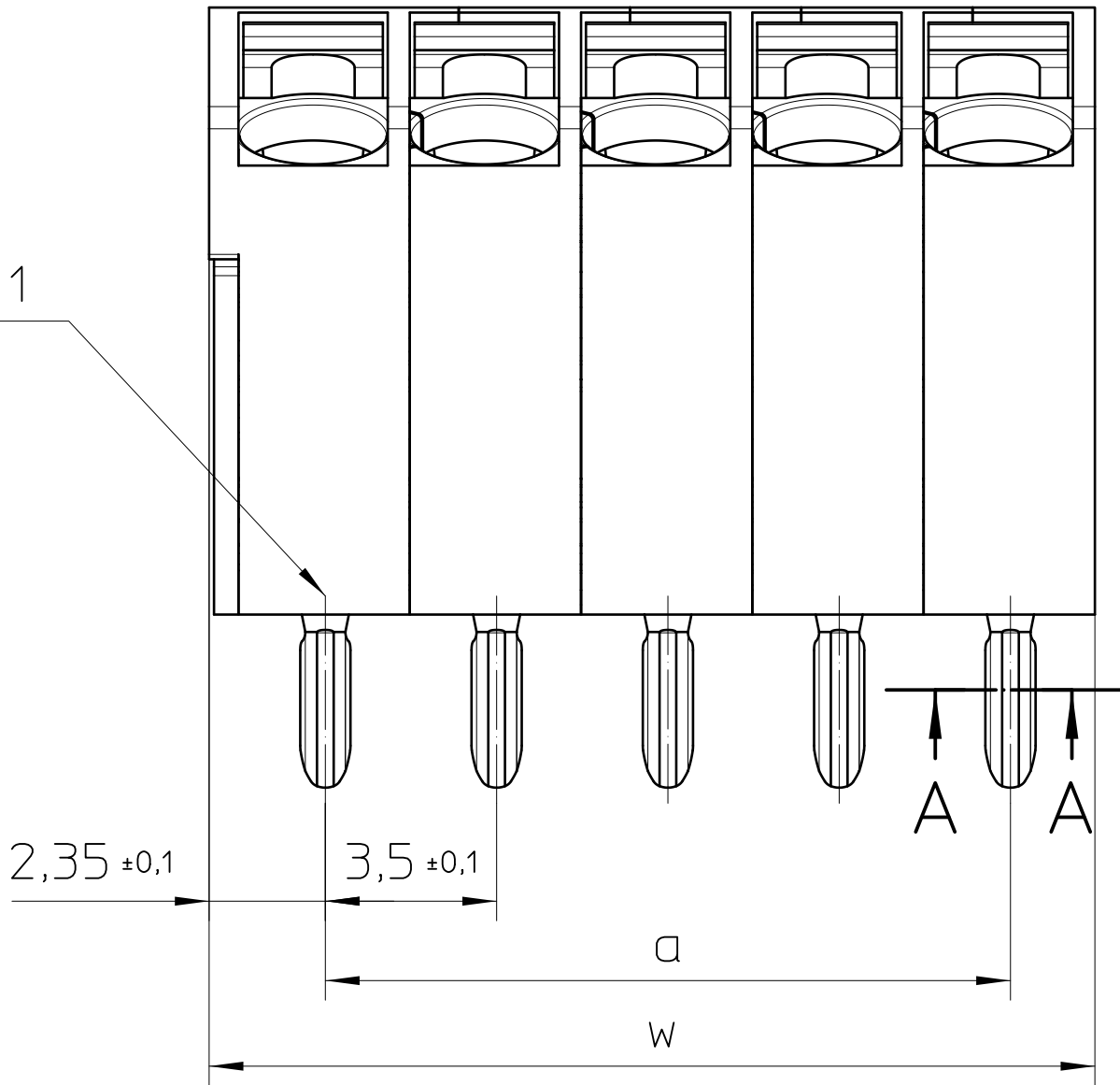
- A. Housing lower part BC 71,6 UT HBUS...
- B. Housing upper part BC 71,6 OT...
- C. pivot point
- D. Mounting rail like EN 60715: TH 35-7,5 or mounting rail TH 35-15x1,5 similar to EN 60715
- E. Hole for sealing

KIT (not mounted)			
Pos.	QTY	Description	Material
1	1	COVER	PC
2	1	PLATE	PC
DIN A3		document-No. / RI	date
		01377605 / 00	16.07.2021
		ident.-No.	scale
		1456985	1:1
		document-type	
		TECHNICAL DRAWING	
		description	
		BC 71,6-SKT-U11-7035+4SPTA6	
page 5 of 6			

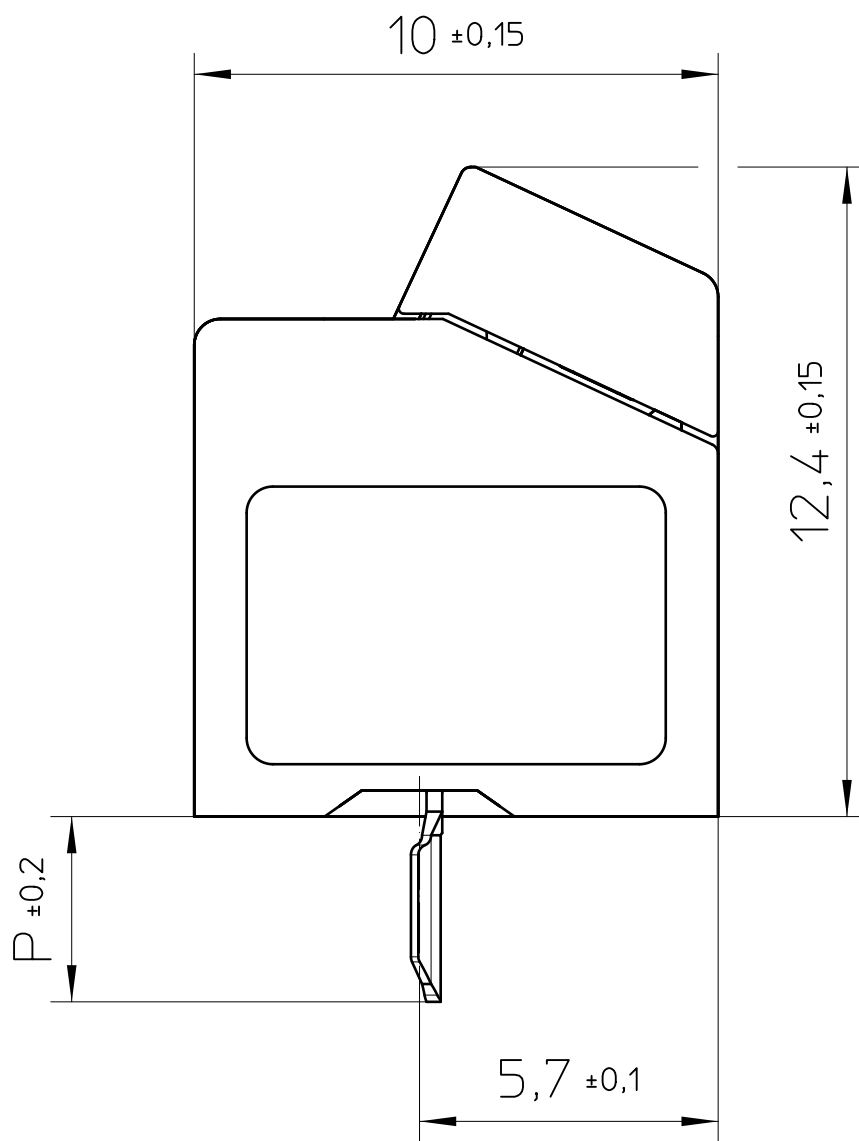
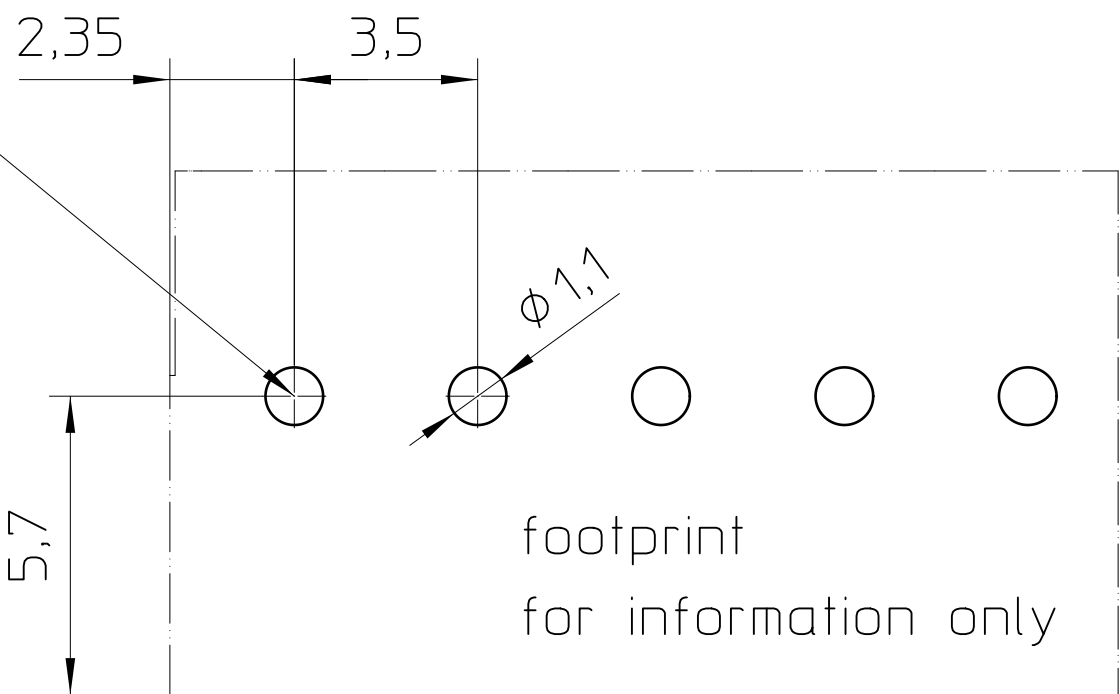
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position 1

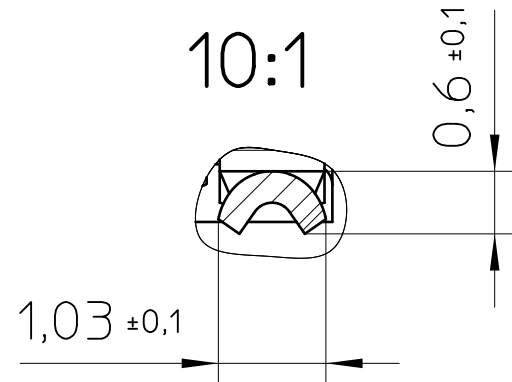


position 1

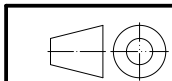


A-A

10:1



pos.	dim. a	dim. w
2	3,50 ±0,10	7,60 ±0,15
3	7,00 ±0,15	11,10 ±0,15
4	10,50 ±0,15	14,60 ±0,15
5	14,00 ±0,15	18,10 ±0,20
6	17,50 ±0,15	21,60 ±0,20
7	21,00 ±0,20	25,10 ±0,20
8	24,50 ±0,20	28,60 ±0,20
9	28,00 ±0,20	32,10 ±0,20
10	31,50 ±0,20	35,60 ±0,20
11	35,00 ±0,20	39,10 ±0,20
12	38,50 ±0,20	42,60 ±0,20
13	42,00 ±0,20	46,10 ±0,20
14	45,50 ±0,20	49,60 ±0,20
15	49,00 ±0,20	53,10 ±0,25



DIN A3



page 6

of 6

document-No. / RI
01377605 / 00

date
16.07.2021

scale
5:1

- Simplified representation
- Document excluded
from change process
- Linear dimensions [mm]
- EN ISO 291 23/50

document-type
TECDOC 2D_Productdrawing

description

BC 71,6-KIT-U11+4SPTA8