

# Aluminium Enclosure Series CA

BERNSTEIN aluminium enclosures have a well proven record of success in encapsulating electrical, electronic or pneumatic components, while also being ideally suited for applications in potentially explosive atmospheres. All enclosures comply with protection class IP 66 according to DIN EN 60529 (optionally IP 67).

BERNSTEIN aluminium enclosures feature earthing screws (copper-plated, M4 or M6) in the body and in the cover for connecting PE conductors. The surfaces under the earthing screws are left blank. The screws for mounting the covers on BERNSTEIN enclosures are made from stainless steel and are held captive by the self-latching hinge integrated in the cover. The protection class (on the standard enclosure) is ensured by a factory-fitted seal. BERNSTEIN aluminium enclosures are finished as standard in RAL 7001 (silver grey).

BERNSTEIN uses pressure die-casting or gravity die-casting moulds to manufacture the aluminium enclosures.

The mounting flanges or even the earthing socket on the inside of the enclosure can be used for mounting and securing built-in components (mounting rail, mounting plate, pc board etc.). These mounting points on the inside of the enclosures are located at different levels and in different positions. The dimensioned drawings on the following pages show the relevant positions.

## Technical data

### Material

Aluminium pressure die-casting or gravity die-casting

### Seal

Foamed PUR seal  
Neoprene (CR) round cord (silicone-free),  
silicone round cord, EPDM round cord

### Cover screws

Stainless steel, captive, cross recessed head



Optionally:

- Stainless steel, captive hexagon socket head cap screws
- Sealed cover screws, steel (9 S 20 K), slot head (on request)

### Coating

Standard: RAL 7001 (silver grey)

Optionally:

- Special RAL colours
- Special coatings

### Temperature range of CA enclosures, standard powder-coated finish

–30°C to +80°C

Please contact us for higher temperature ranges.

### Temperature range of seals

Standard:

–40°C bis +100°C (PUR seal)

Alternatively:

–30°C to +80°C (Neoprene seal)  
–60 °C to +130°C (silicone seal)  
or rather –35°C to +100°C (EPDM seal)

### Protection class

IP 66

IP 67 with PUR seal

### Approbations

Germanischer Lloyd  
UL (Label on demand)  
ATEX



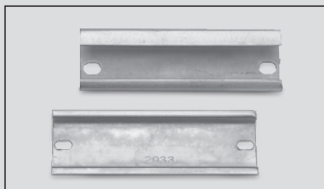
Aluminium enclosure						
Dimensions/mm					Article number	Type
L	x	B	x	H		
50	x	45	x	30	1020000000	CA-020
58	x	64	x	36	1060000000	CA-060
98	x	64	x	36	1080000000	CA-080
150	x	64	x	36	1100000000	CA-100
75	x	80	x	57	1130000000	CA-130
75	x	80	x	57	1140000000	CA-140
125	x	80	x	57	1150000000	CA-150
125	x	80	x	57	1160000000	CA-160
175	x	80	x	57	1170000000	CA-170
175	x	80	x	57	1180000000	CA-180
250	x	80	x	57	1190000000	CA-190
122	x	122	x	80	1210000000	CA-210
122	x	122	x	90	1210000050	CA-215
122	x	122	x	80	1220000000	CA-220
220	x	122	x	80	1230000000	CA-230
220	x	122	x	90	1230000050	CA-235
220	x	122	x	80	1240000000	CA-240
360	x	122	x	80	1250000000	CA-250
160	x	160	x	90	1270000000	CA-270
160	x	160	x	90	1280000000	CA-280
260	x	160	x	90	1290000000	CA-290
260	x	160	x	90	1300000000	CA-300
360	x	160	x	90	1310000000	CA-310
560	x	160	x	90	1330000000	CA-330
200	x	230	x	110	1350000000	CA-350
200	x	230	x	180	1360000000	CA-360
280	x	230	x	110	1370000000	CA-370
330	x	230	x	110	1380000000	CA-380
330	x	230	x	180	1390000000	CA-390
401	x	230	x	110	1400000000	CA-400
600	x	230	x	110	1420000000	CA-420
402	x	310	x	110	1450000000	CA-450
402	x	310	x	180	1460000000	CA-460
600	x	310	x	110	1470000000	CA-470
600	x	310	x	180	1480000000	CA-480

This is just a selection of possible assembly components that BERNSTEIN offers. Contact us, we can incorporate components from all leading manufacturers to satisfy your individual demand. You find further information about "System solutions" on page 12.



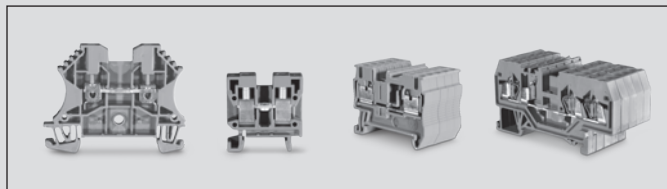
### Mounting plates

made from galvanised steel plate (thickness: CA-060 to CA-310, CA-350 to CA-400: 1.5 mm; CA-330, CA-420 to CA-480: 2.5 mm) for versatile mounting of built-in components.



### Mounting rails

conforming to Standards TS 15 or TS 32 and TS 35 made from steel; surface treated for accepting terminal blocks.



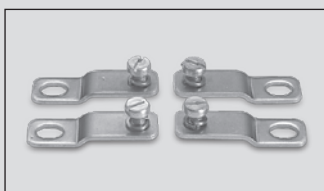
### Terminal blocks

of all renowned manufacturers are used.



### Earthing bars

made from galvanised steel for combining and connecting PE conductors.



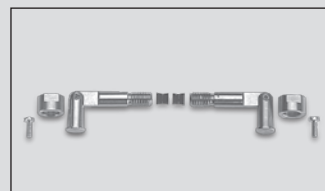
### External mounting brackets

made from stainless steel for mounting enclosures without opening the covers. Variable mounting in 90°-steps thanks to contour in base of enclosure.



### External articulated hinges

for hinged mounting of enclosure cover. Opening range of cover approx. 155°. Cast aluminium (painted in RAL 7001 – specific colour according to enclosure specification possible). Machining is required for mounting on enclosures.



### Internal articulated hinges

for hinged mounting of enclosure cover. Opening range of cover approx. 95°. Stainless steel. Machining is required for mounting on enclosures.



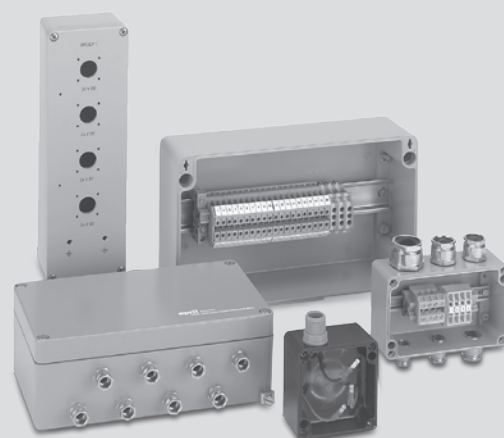
### Silicon, EPDM or HF seal

with increased temperature resistance (see indications left side) or to protect sensitive electronic equipment against high-frequency radiation (HF seal). For a conductive connection, grooves and springs of the enclosure must be left blank.



### Cable glands

plastic cable glands (polyamide PAGV-2, RAL 7001) or brass cable glands. Sealing element CR/NBR. Temperature range: -20°C to +100°C (see also page 71). Other cable glands on demand.

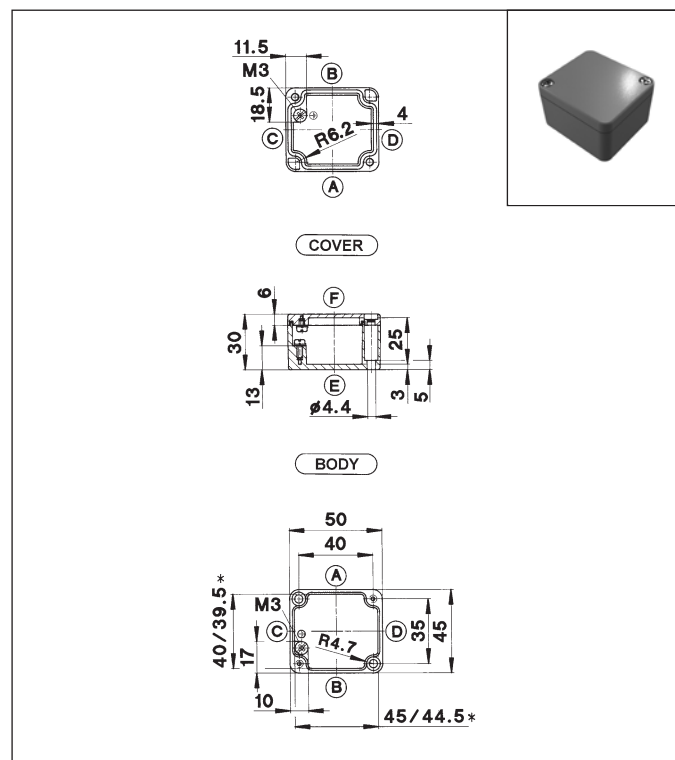


## Aluminium Enclosures – Series CA

### 50 x 45 x 30 mm

CA-020

Aluminium enclosures



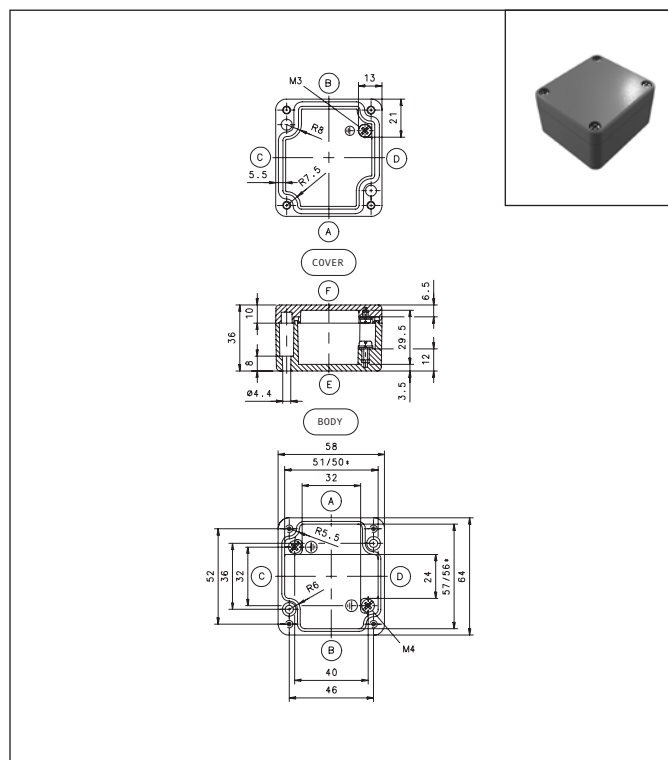
\* Smaller dimension at mounting plate support

Type	CA-020
Weight (g)	70
External dimension (mm)	50 x 45 x 30
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1020000000
unwashed, not painted, loose accessories	1020034000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	–
Mounting rail TS 15	–
Mounting rail TS 32	–
Mounting rail TS 35	–
Earthing rail	–
External mounting brackets	–
External articulated hinges	–
Internal articulated hinges with cover guide**	–
Silicone seal for extended temperature range (by the metre)	–
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	1 0 0 0 0 0 0 0
Side C/D	1 0 0 0 0 0 0 0
** Enclosure preparation required	

### 58 x 64 x 36 mm

CA-060

Aluminium enclosures



\* Smaller dimension at mounting plate support

Type	CA-060
Weight (g)	160
External dimension (mm)	58 x 64 x 36
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1060000000
unwashed, not painted, loose accessories	1060038000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9511001000
Mounting rail TS 15	9820000000
Mounting rail TS 32	–
Mounting rail TS 35	–
Earthing rail	–
External mounting brackets	–
External articulated hinges	–
Internal articulated hinges with cover guide**	–
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	2 1 0 0 0 0 0 0
Side C/D	1 0 0 0 0 0 0 0
** Enclosure preparation required	

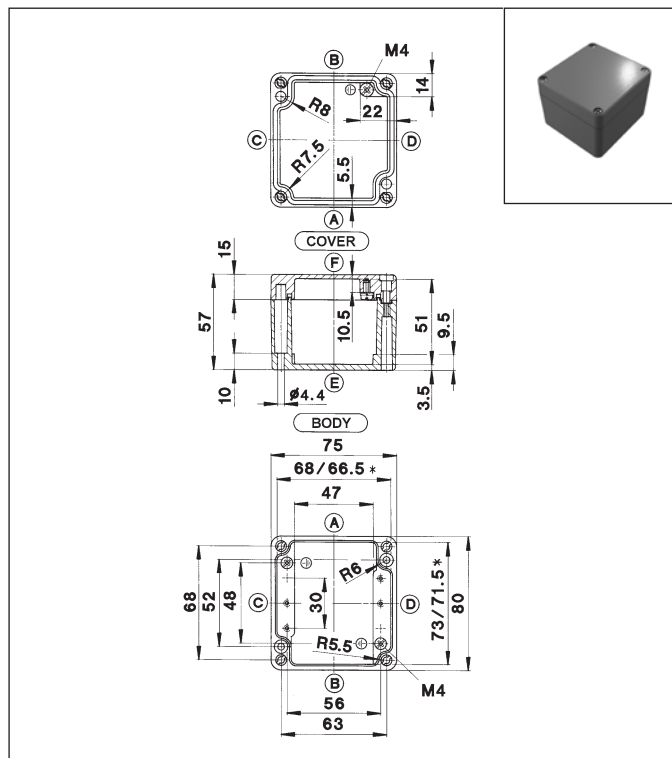


## Aluminium Enclosures – Series CA

### 75 x 80 x 57 mm

#### CA-130

#### Aluminium enclosures



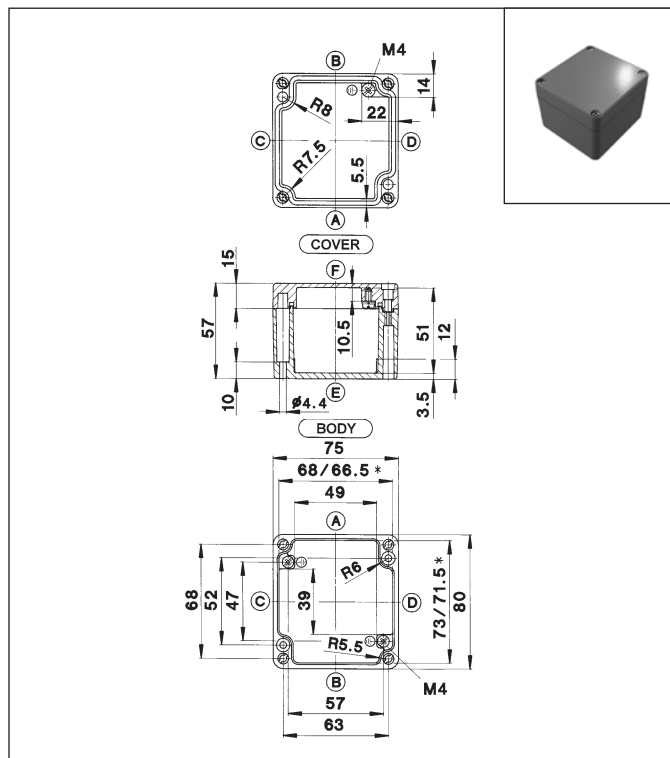
\* Smaller dimension at mounting plate support

Type	CA-130
Weight (g)	280
External dimension (mm)	75 x 80 x 57
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1130000000
unwashed, not painted, loose accessories	1130057000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9823015000
Mounting rail TS 15	9820002000
Mounting rail TS 32	-
Mounting rail TS 35	-
Earthing rail	-
External mounting brackets	-
External articulated hinges	9801044000
Internal articulated hinges with cover guide**	-
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	5 2 1 0 0 0 0 0
Side C/D	3 2 1 0 0 0 0 0
** Enclosure preparation required	

### 75 x 80 x 57 mm

#### CA-140

#### Aluminium enclosures

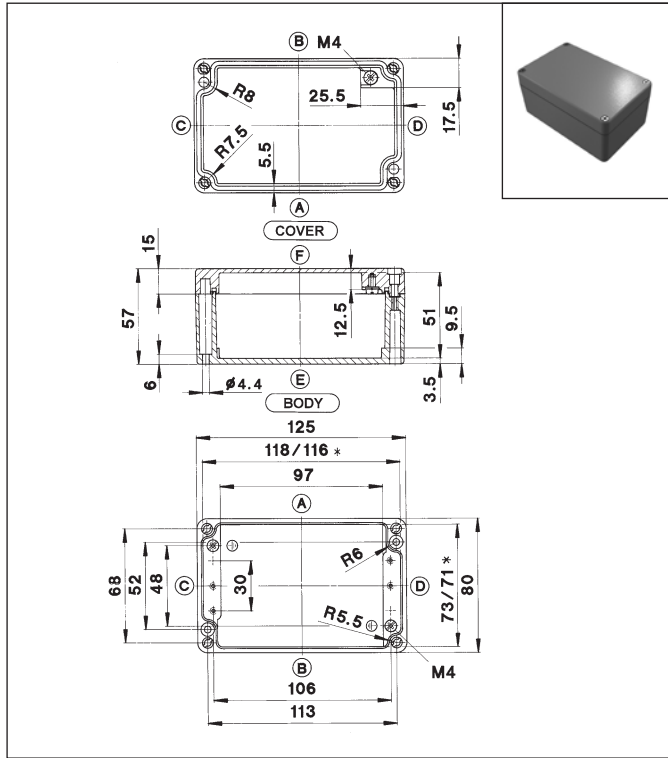


\* Smaller dimension at mounting plate support

Type	CA-140
Weight (g)	280
External dimension (mm)	75 x 80 x 57
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1140000000
unwashed, not painted, loose accessories	1140080000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9511004000
Mounting rail TS 15	9820035000
Mounting rail TS 32	-
Mounting rail TS 35	-
Earthing rail	-
External mounting brackets	-
External articulated hinges	9801044000
Internal articulated hinges with cover guide**	-
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	5 2 1 1 0 0 0 0
Side C/D	3 2 1 1 0 0 0 0
** Enclosure preparation required	

## 125 x 80 x 57 mm

### CA-150 Aluminium enclosures



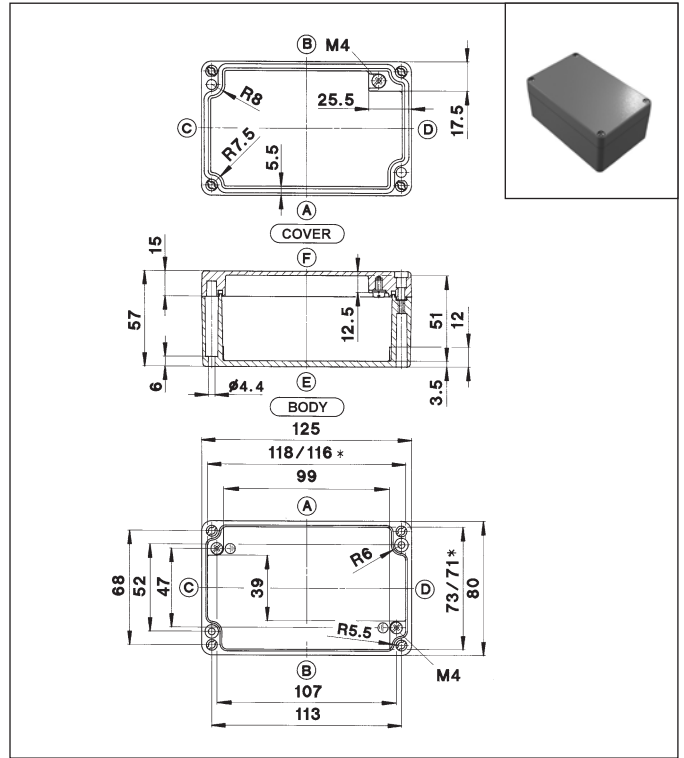
\* Smaller dimension at mounting plate support

Type	CA-150
Weight (g)	435
External dimension (mm)	125 x 80 x 57
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1150000000</b>
unwashed, not painted, loose accessories	<b>1150019000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9823016000</b>
Mounting rail TS 15	<b>9820010000</b>
Mounting rail TS 32	-
Mounting rail TS 35	-
Earthing rail	-
External mounting brackets	-
External articulated hinges	<b>9801044000</b>
Internal articulated hinges with cover guide**	-
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	10 4 3 2 0 0 0 0
Side C/D	3 2 1 0 0 0 0 0

\*\* Enclosure preparation required

## 125 x 80 x 57 mm

### CA-160 Aluminium enclosures



\* Smaller dimension at mounting plate support

Type	CA-160
Weight (g)	435
External dimension (mm)	125 x 80 x 57
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1160000000</b>
unwashed, not painted, loose accessories	<b>1160045000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511005000</b>
Mounting rail TS 15	<b>9820036000</b>
Mounting rail TS 32	-
Mounting rail TS 35	-
Earthing rail	-
External mounting brackets	-
External articulated hinges	<b>9801044000</b>
Internal articulated hinges with cover guide**	-
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	10 4 3 2 0 0 0 0
Side C/D	4 2 1 1 0 0 0 0

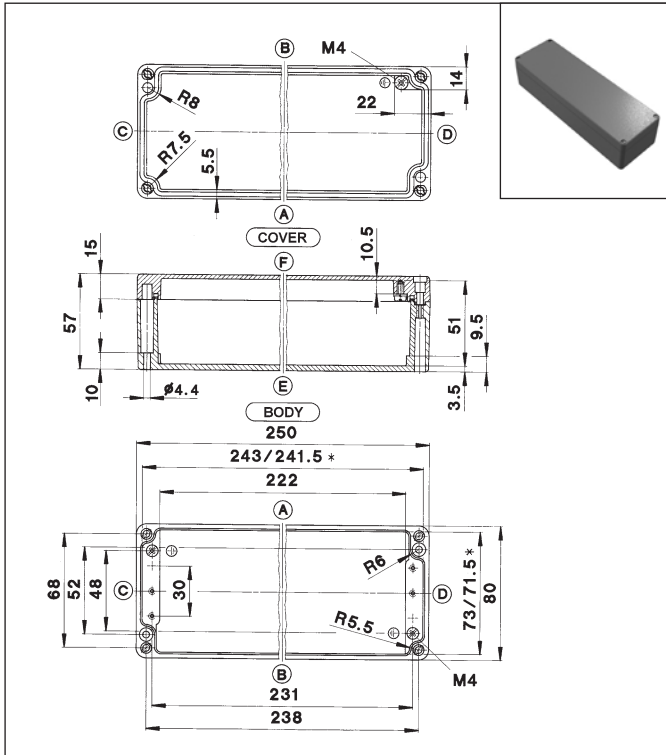
\*\* Enclosure preparation required

CAD files available  
at [www.bernstein.eu](http://www.bernstein.eu)



## 250 x 80 x 57 mm

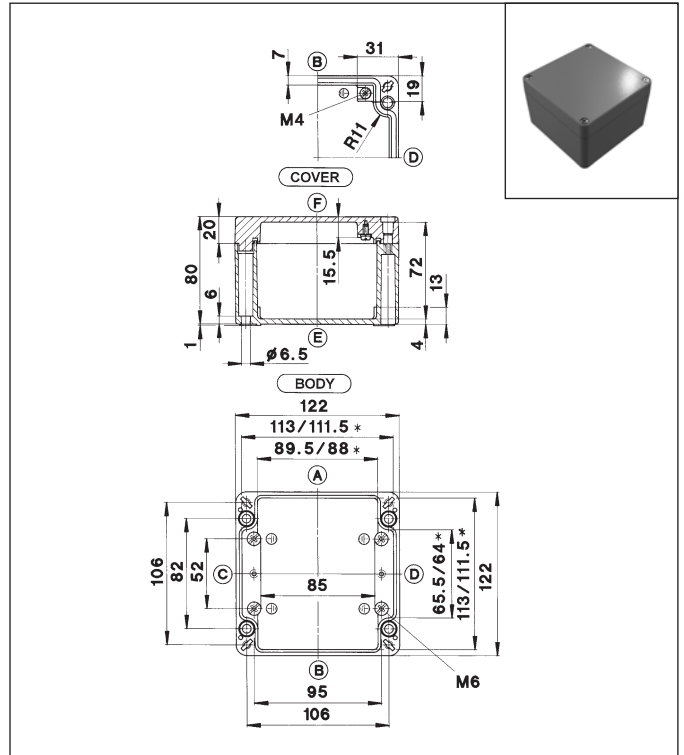
### CA-190 Aluminium enclosures



## 122 x 122 x 80 mm

### CA-210 Aluminium enclosures

CAD files available  
at [www.bernstein.eu](http://www.bernstein.eu)



\* Smaller dimension at mounting plate support

Type	CA-190
Weight (g)	710
External dimension (mm)	250 x 80 x 57
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1190000000
Unwashed, not painted, loose accessories	1190026000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9823021000
Mounting rail TS 15	9820019000
Mounting rail TS 32	-
Mounting rail TS 35	-
Earthing rail	-
External mounting brackets	-
External articulated hinges	9801044000
Internal articulated hinges with cover guide**	-
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	22 9 7 5 0 0 0 0
Side C/D	3 2 1 0 0 0 0 0
** Enclosure preparation required	

\* Smaller dimension at mounting plate support

Type	CA-210
Weight (g)	940
External dimension (mm)	122 x 122 x 80
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1210000000
Unwashed, not painted, loose accessories	1210016000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9511150000
Mounting rail TS 15	9820019000
Mounting rail TS 32	9821000000
Mounting rail TS 35	9822001000
Earthing rail	9810002000
External mounting brackets	9824024000
External articulated hinges	9801047000
Internal articulated hinges with cover guide**	9801031000
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	12 6 4 2 2 0 0 0
Side C/D	5 2 2 1 0 0 0 0
** Enclosure preparation required	

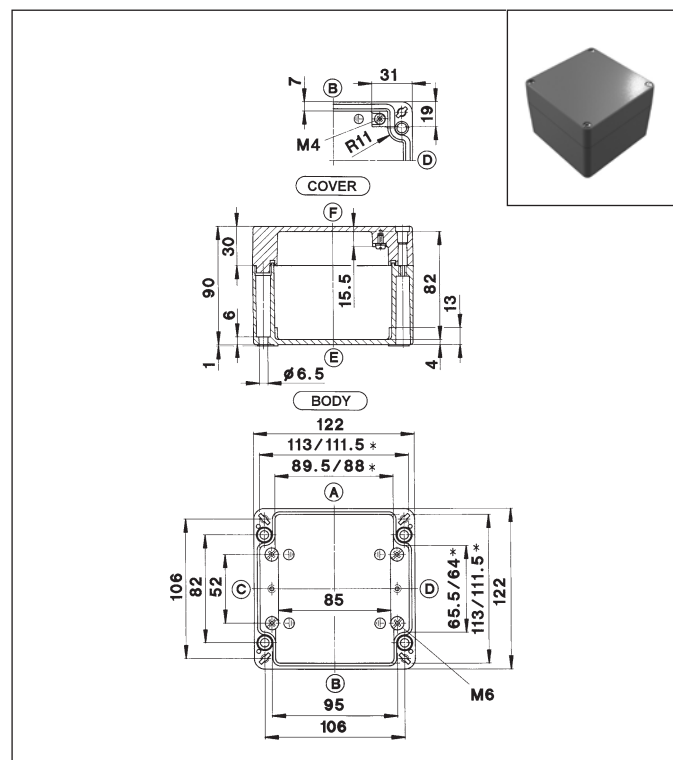


# Aluminium Enclosures – Series CA

## 122 x 122 x 90 mm

### CA-215

#### Aluminium enclosures



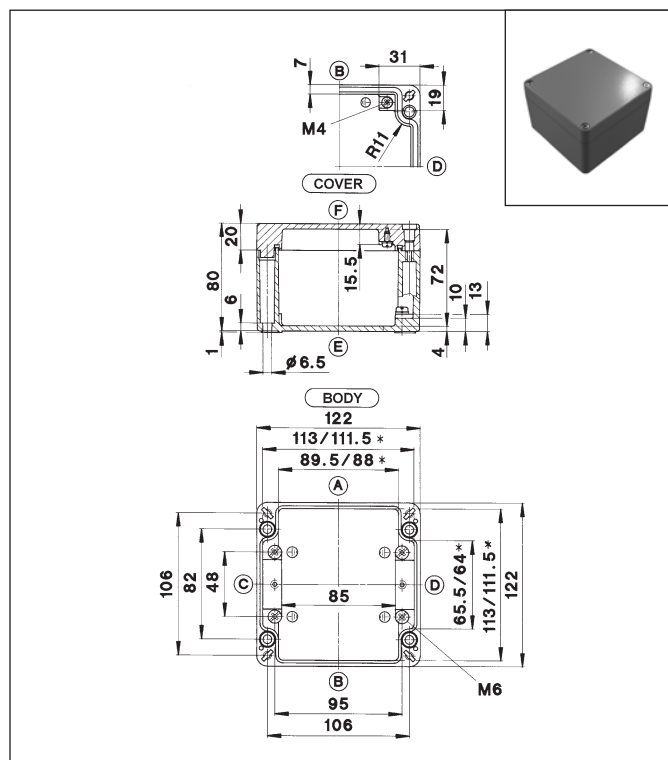
\* Smaller dimension at mounting plate support

Type	CA-215
Weight (g)	940
External dimension (mm)	122 x 122 x 90
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1210000050</b>
unwashed, not painted, loose accessories	<b>1210012050</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511150000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821000000</b>
Mounting rail TS 35	<b>9822001000</b>
Earthing rail	<b>9810002000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801031000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	12 6 4 2 2 0 0 0
Side C/D	5 2 2 1 0 0 0 0
** Enclosure preparation required	

## 122 x 122 x 80 mm

### CA-220

#### Aluminium enclosures



\* Smaller dimension at mounting plate support

Type	CA-220
Weight (g)	940
External dimension (mm)	122 x 122 x 80
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1220000000</b>
unwashed, not painted, loose accessories	<b>1220061000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511008000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821000000</b>
Mounting rail TS 35	<b>9822001000</b>
Earthing rail	<b>9810002000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801031000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	12 6 4 2 2 0 0 0
Side C/D	5 2 2 1 0 0 0 0
** Enclosure preparation required	

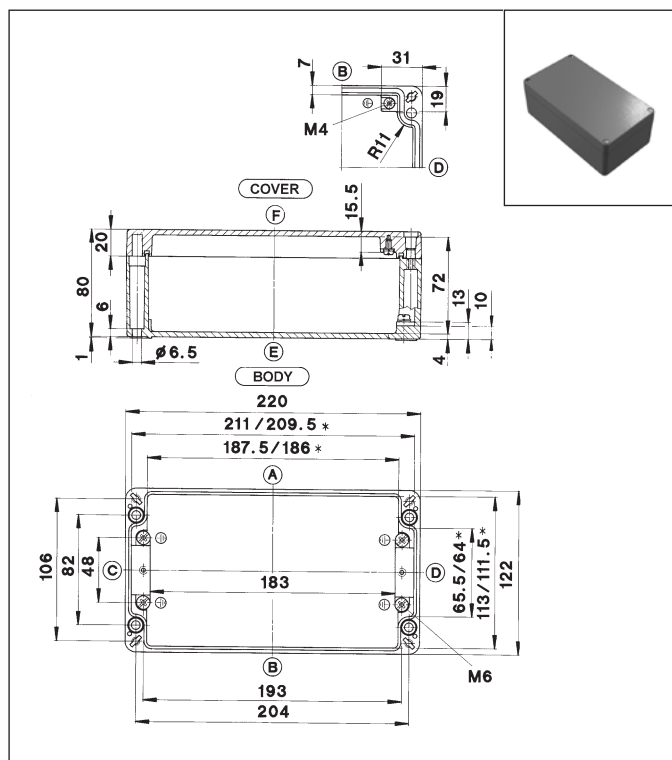


## Aluminium Enclosures – Series CA

**220 x 122 x 80 mm**

## CA-240

### Aluminium enclosures



\* Smaller dimension at mounting plate support

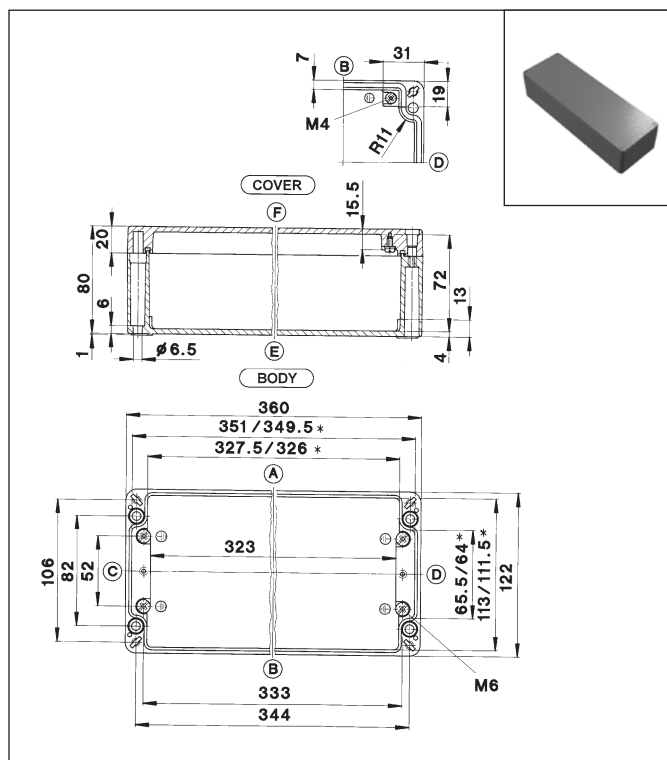
<b>Type</b>	<b>CA-240</b>
Weight (g)	1410
External dimension (mm)	220 x 122 x 80
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1240000000</b>
unwashed, not painted, loose accessories	<b>1240082000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511009000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821005000</b>
Mounting rail TS 35	<b>9822007000</b>
Earthing rail	<b>9810008000</b>
External mounting brackets	<b>9820024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801031000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	27 12 8 5 4 0 0 0
Side C/D	5 2 2 1 0 0 0 0

\*\* Enclosure preparation required

**360 x 122 x 80 mm**

**CA-250**

### Aluminium enclosures



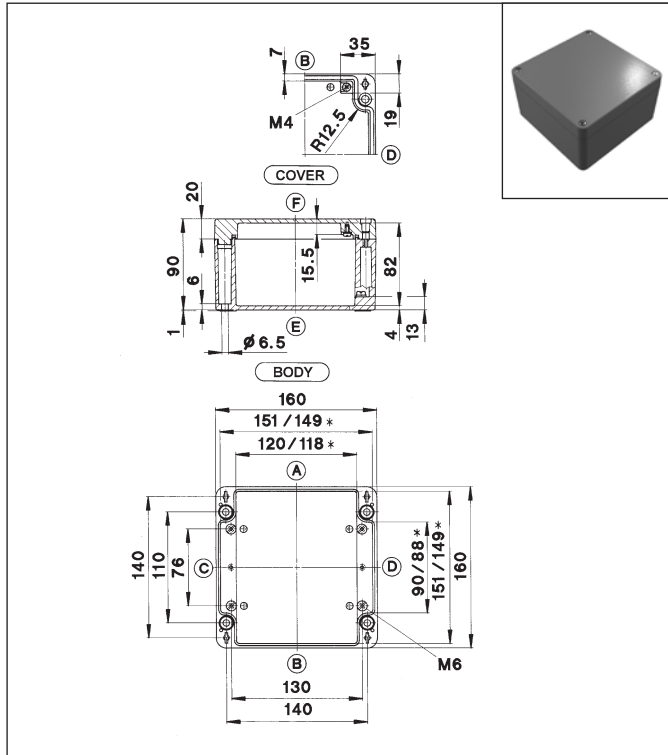
\* Smaller dimension at mounting plate support

<b>Type</b>	<b>CA-250</b>
Weight (g)	1860
External dimension (mm)	360 x 122 x 80
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1250000000</b>
unwashed, not painted, loose accessories	<b>1250011000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511174000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821012000</b>
Mounting rail TS 35	<b>9822015000</b>
Earthing rail	<b>9810014000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801031000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	48 21 16 9 6 0 0 0
Side C/D	5 2 2 1 0 0 0 0
** Enclosure preparation required	

**160 x 160 x 90 mm**

## CA-270

### Aluminium enclosures



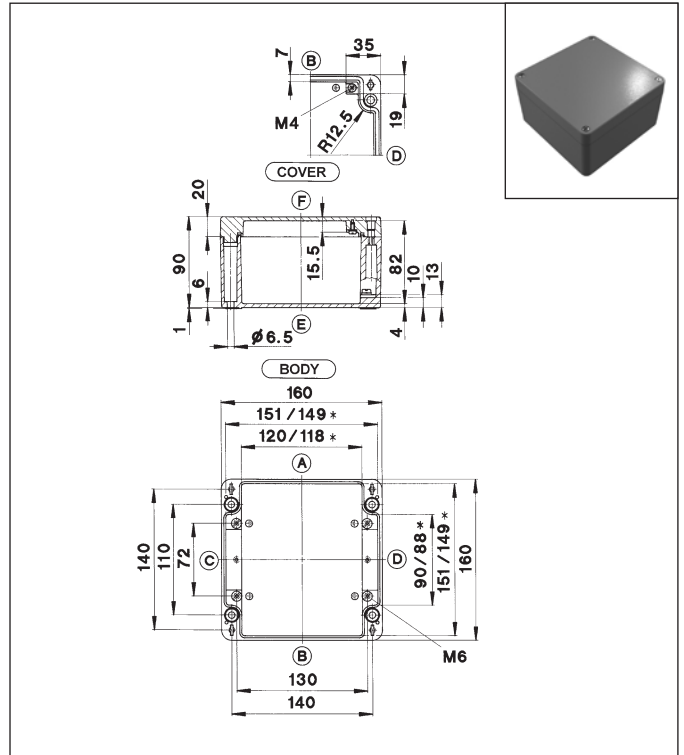
\* Smaller dimension at mounting plate support

Type	CA-270							
Weight (g)	1410							
External dimension (mm)	160 x 160 x 90							
Ordering data	Enclosure (painted) with seal (PUR)	Part number						
with cover screws		1270000000						
unwashed, not painted, loose accessories		1270013000						
Accessories (individual part or installation kit)								
Mounting plate		9511149000						
Mounting rail TS 15		–						
Mounting rail TS 32		9821002000						
Mounting rail TS 35		9822003000						
Earthing rail		9810004000						
External mounting brackets		9824024000						
External articulated hinges		9801047000						
Internal articulated hinges with cover guide**		9801030000						
Silicone seal for extended temperature range (by the metre)		on request						
Maximum possible number of threads								
ISO M	12	16	20	25	32	40	50	63
Side A/B	20	9	6	4	2	2	1	0
Side C/D	8	4	3	2	2	0	0	0
** Enclosure preparation required								

**160 x 160 x 90 mm**

## CA-280

### Aluminium enclosures



\* Smaller dimension at mounting plate support

<b>Type</b>	<b>CA-280</b>
Weight (g)	1410
External dimension (mm)	160 x 160 x 90
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1280000000</b>
unwashed, not painted, loose accessories	<b>1280033000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511011000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821002000</b>
Mounting rail TS 35	<b>9822003000</b>
Earthing rail	<b>9810004000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	20 9 6 4 2 2 1 0
Side C/D	8 4 3 2 2 0 0 0
** Enclosure preparation required	

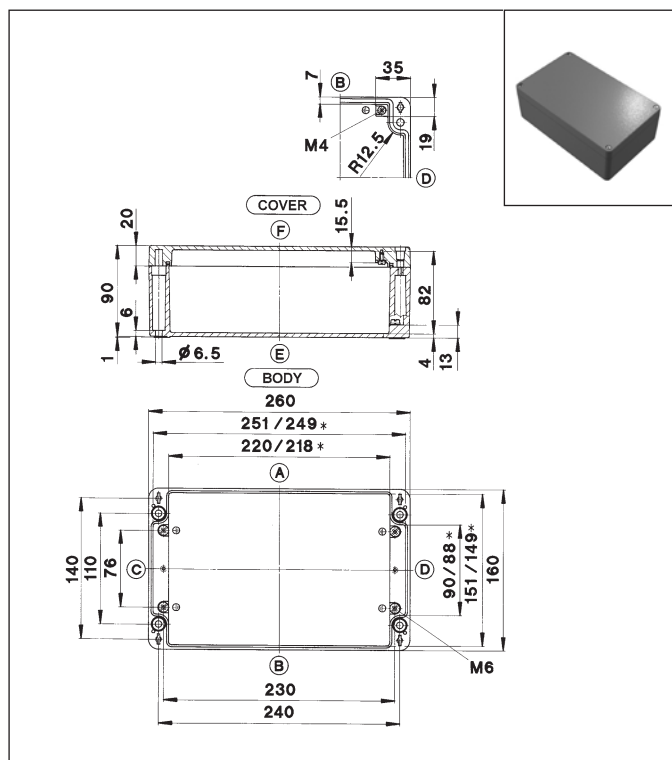
**CAD files available  
at [www.bernstein.eu](http://www.bernstein.eu)**

## Aluminium Enclosures – Series CA

**260 x 160 x 90 mm**

## CA-290

### Aluminium enclosures



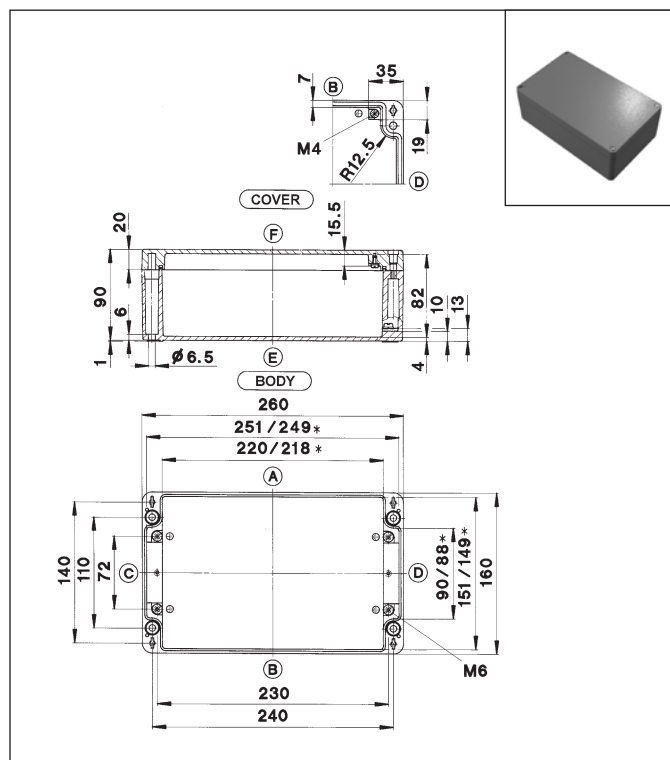
\* Smaller dimension at mounting plate support

Type	CA-290							
Weight (g)	1960							
External dimension (mm)	260 x 160 x 90							
Ordering data	Enclosure (painted) with seal (PUR)	Part number						
	with cover screws	1290000000						
	unwashed, not painted, loose accessories	1290011000						
Accessories (individual part or installation kit)								
Mounting plate		9511096000						
Mounting rail TS 15		–						
Mounting rail TS 32		9821008000						
Mounting rail TS 35		9822011000						
Earthing rail		9810010000						
External mounting brackets		9824024000						
External articulated hinges		9801047000						
Internal articulated hinges with cover guide**		9801030000						
Silicone seal for extended temperature range (by the metre)		on request						
Maximum possible number of threads								
ISO M	12	16	20	25	32	40	50	63
Side A/B	36	17	12	7	4	3	3	0
Side C/D	8	4	3	2	2	0	0	0
** Enclosure preparation required								

**260 x 160 x 90 mm**

## CA-300

### Aluminium enclosures

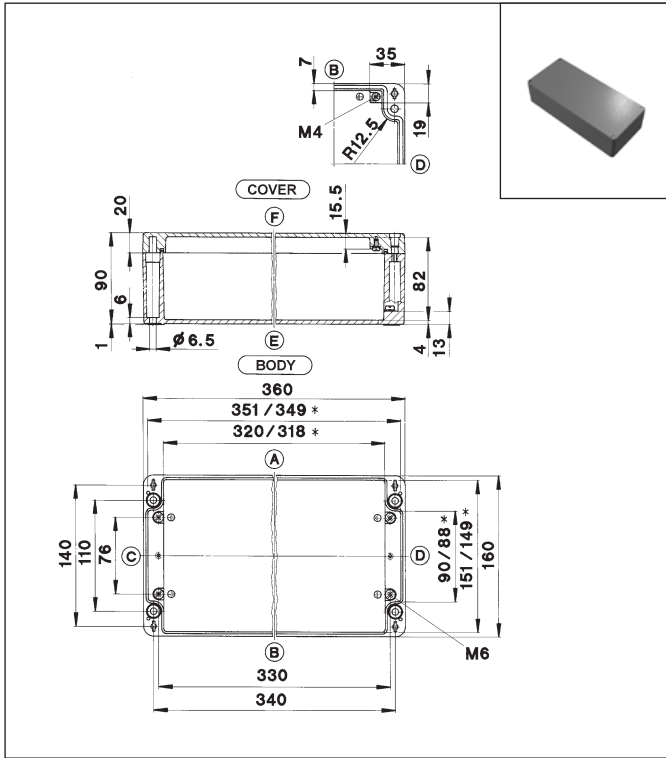


\* Smaller dimension at mounting plate support

<b>Type</b>	<b>CA-300</b>
Weight (g)	1960
External dimension (mm)	260 x 160 x 90
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1300000000</b>
unwashed, not painted, loose accessories	<b>1300041000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511012000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821008000</b>
Mounting rail TS 35	<b>9822011000</b>
Earthing rail	<b>9810010000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	36 17 12 7 4 3 3 0
Side C/D	8 4 3 2 2 0 0 0
** Enclosure preparation required	

## 360 x 160 x 90 mm

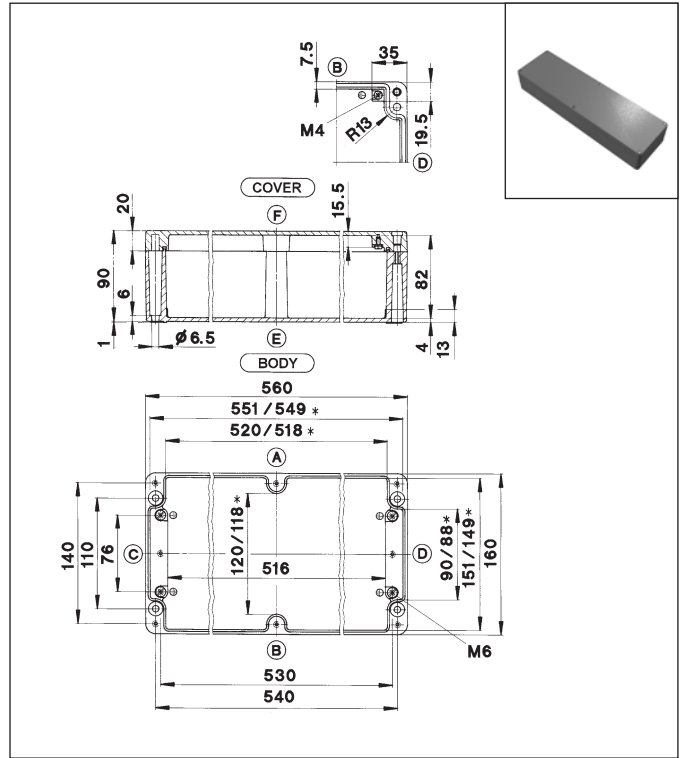
### CA-310 Aluminium enclosures



## 560 x 160 x 90 mm

### CA-330 Aluminium enclosures

CAD files available  
at [www.bernstein.eu](http://www.bernstein.eu)



\* Smaller dimension at mounting plate support

Type	CA-310
Weight (g)	2550
External dimension (mm)	360 x 160 x 90
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1310000000</b>
unwashed, not painted, loose accessories	<b>1310071000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511175000</b>
Mounting rail TS 15	-
Mounting rail TS 32	<b>9821012000</b>
Mounting rail TS 35	<b>9822015000</b>
Earthing rail	<b>9810042000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	54 26 18 11 6 5 4 0
Side C/D	8 4 3 2 2 0 0 0

\*\* Enclosure preparation required

\* Smaller dimension at mounting plate support

Type	CA-330
Weight (g)	4310
External dimension (mm)	560 x 160 x 90
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1330000000</b>
unwashed, not painted, loose accessories	<b>1330022000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511014000</b>
Mounting rail TS 15	-
Mounting rail TS 32	<b>9821015000</b>
Mounting rail TS 35	<b>9822018000</b>
Earthing rail	<b>9810016000</b>
External mounting brackets	<b>9824024000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	84 40 28 16 10 8 6 0
Side C/D	8 4 3 2 2 0 0 0

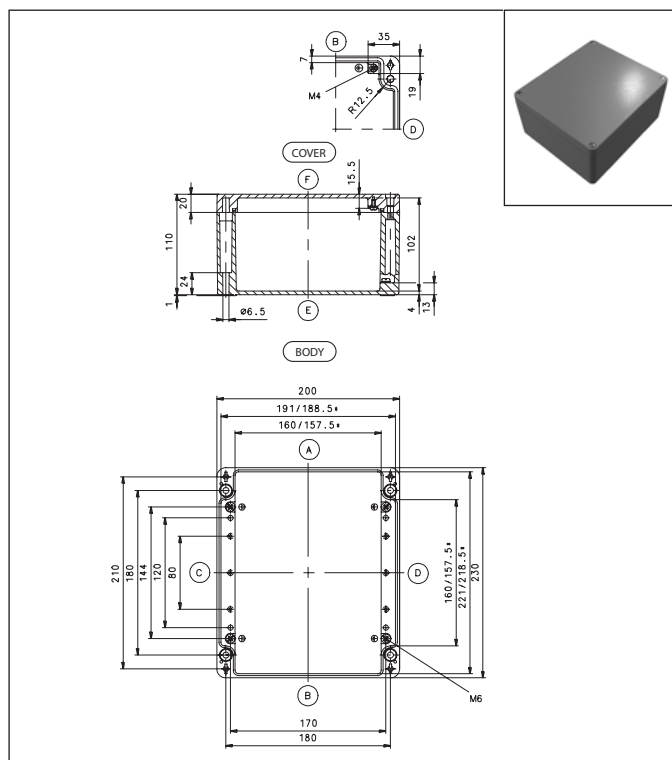
\*\* Enclosure preparation required

## Aluminium Enclosures – Series CA

**200 x 230 x 110 mm**

**CA-350**

### Aluminium enclosures



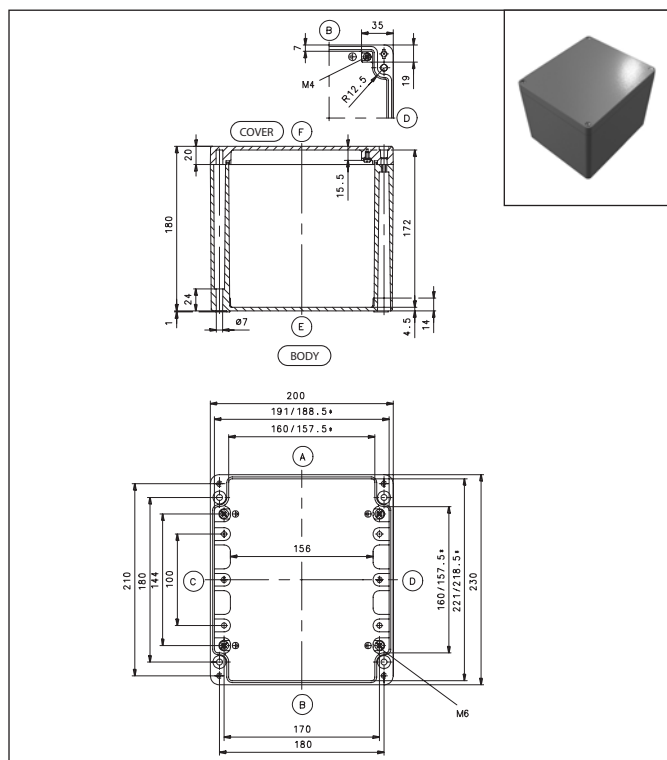
\* Smaller dimension at mounting plate support

<b>Type</b>	<b>CA-350</b>
Weight (g)	2730
External dimension (mm)	200 x 230 x 110
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1350000000</b>
unwashed, not painted, loose accessories	<b>1350017000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511015000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821003000</b>
Mounting rail TS 35	<b>9822005000</b>
Earthing rail	<b>9810007000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	35 15 12 8 4 3 2 2
Side C/D	26 12 8 5 3 2 2 1
** Enclosure preparation required	

**200 x 230 x 180 mm**

**CA-360**

### Aluminium enclosures



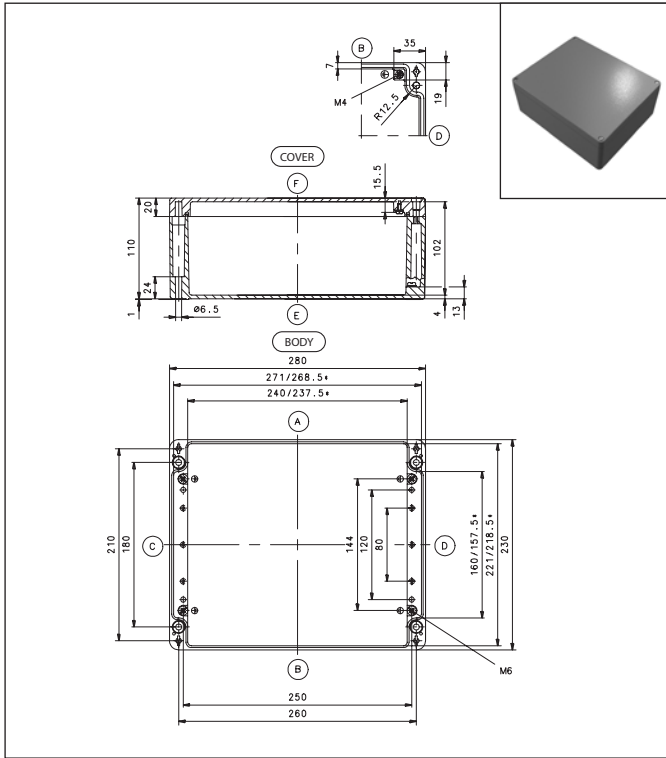
\* Smaller dimension at mounting plate support

<b>Type</b>	<b>CA-360</b>
Weight (g)	3680
External dimension (mm)	200 x 230 x 180
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1360000000</b>
unwashed, not painted, loose accessories	<b>1360043000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511015000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821003000</b>
Mounting rail TS 35	<b>9822005000</b>
Earthing rail	<b>9810007000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	56 32 20 13 9 5 4 4
Side C/D	52 27 18 12 8 5 3 3

\*\* Enclosure preparation required

## 280 x 230 x 110 mm

### CA-370 Aluminium enclosures



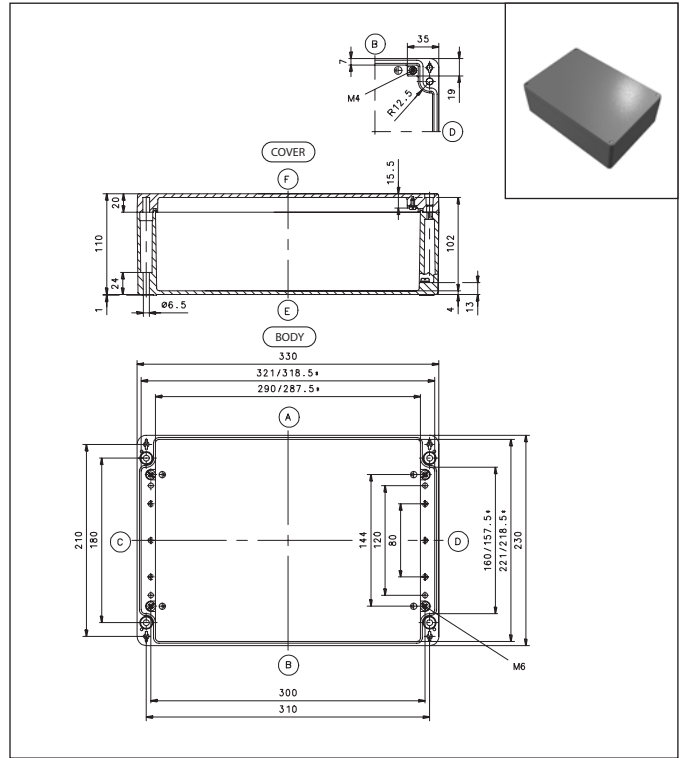
\* Smaller dimension at mounting plate support

Type	CA-370
Weight (g)	3840
External dimension (mm)	280 x 230 x 110
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1370000000</b>
unwashed, not painted, loose accessories	<b>1370015000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511016000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821009000</b>
Mounting rail TS 35	<b>9822012000</b>
Earthing rail	<b>9810011000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	53 25 18 11 7 4 3 3
Side C/D	26 12 8 5 3 2 2 1
** Enclosure preparation required	

## 330 x 230 x 110 mm

### CA-380 Aluminium enclosures

CAD files available  
at [www.bernstein.eu](http://www.bernstein.eu)



\* Smaller dimension at mounting plate support

Type	CA-380
Weight (g)	4270
External dimension (mm)	330 x 230 x 110
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1380000000</b>
unwashed, not painted, loose accessories	<b>1380014000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511017000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821011000</b>
Mounting rail TS 35	<b>9822014000</b>
Earthing rail	<b>9810013000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	65 30 23 12 9 5 4 3
Side C/D	24 12 8 5 3 2 2 1
** Enclosure preparation required	

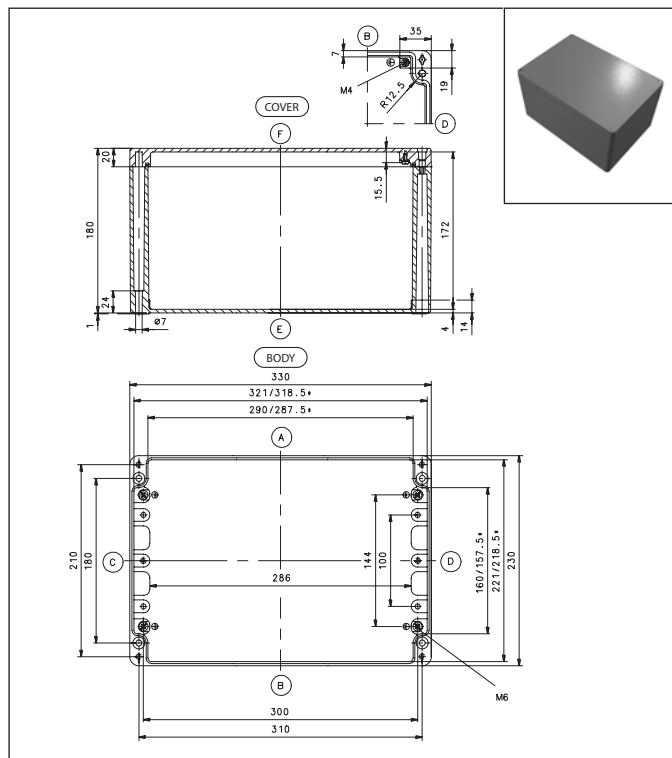


# Aluminium Enclosures – Series CA

## 330 x 230 x 180 mm

### CA-390

#### Aluminium enclosures



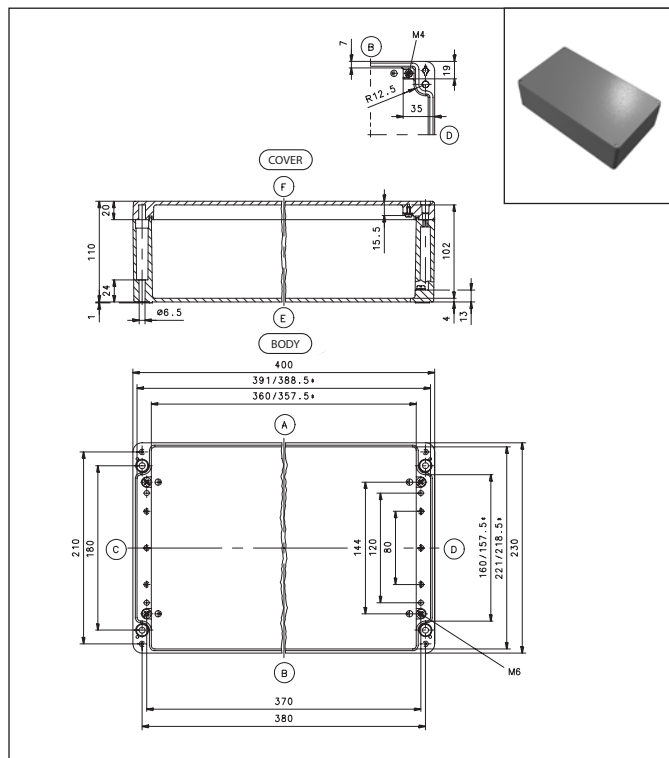
\* Smaller dimension at mounting plate support

Type	CA-390
Weight (g)	5300
External dimension (mm)	330 x 230 x 180
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1390000000</b>
unwashed, not painted, loose accessories	<b>1390012000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511017000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821011000</b>
Mounting rail TS 35	<b>9822014000</b>
Earthing rail	<b>9810013000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	108 54 40 25 15 9 8 6
Side C/D	52 27 18 12 8 5 3 3
** Enclosure preparation required	

## 400 x 230 x 110 mm

### CA-400

#### Aluminium enclosures



\* Smaller dimension at mounting plate support

Type	CA-400
Weight (g)	4870
External dimension (mm)	400 x 230 x 110
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1400000000</b>
unwashed, not painted, loose accessories	<b>1400013000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511294000</b>
Mounting rail TS 15	–
Mounting rail TS 32	<b>9821014000</b>
Mounting rail TS 35	<b>9822017000</b>
Earthing rail	<b>9810015000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	80 38 27 17 11 6 5 4
Side C/D	26 12 8 5 3 2 2 1
** Enclosure preparation required	

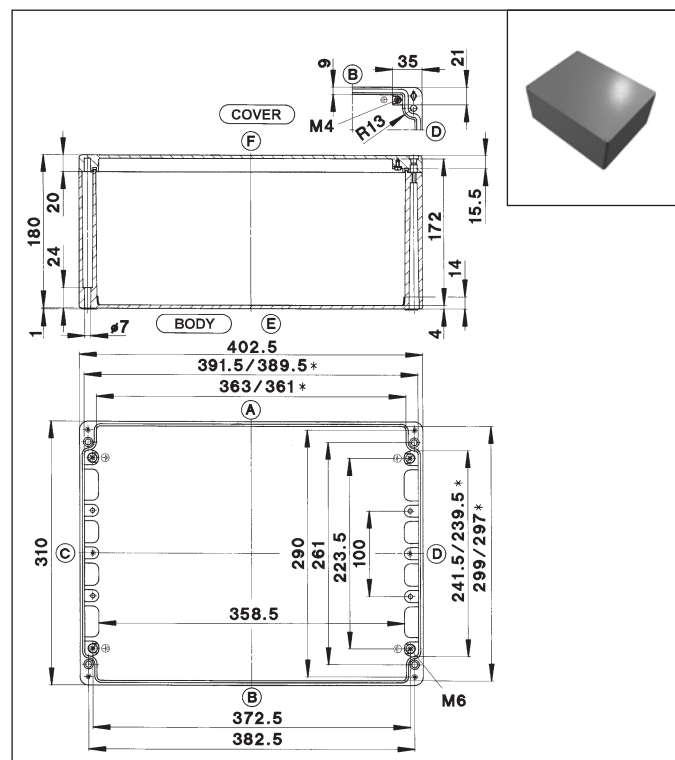


## Aluminium Enclosures – Series CA

### 402,5 x 310 x 180 mm

#### CA-460

#### Aluminium enclosures



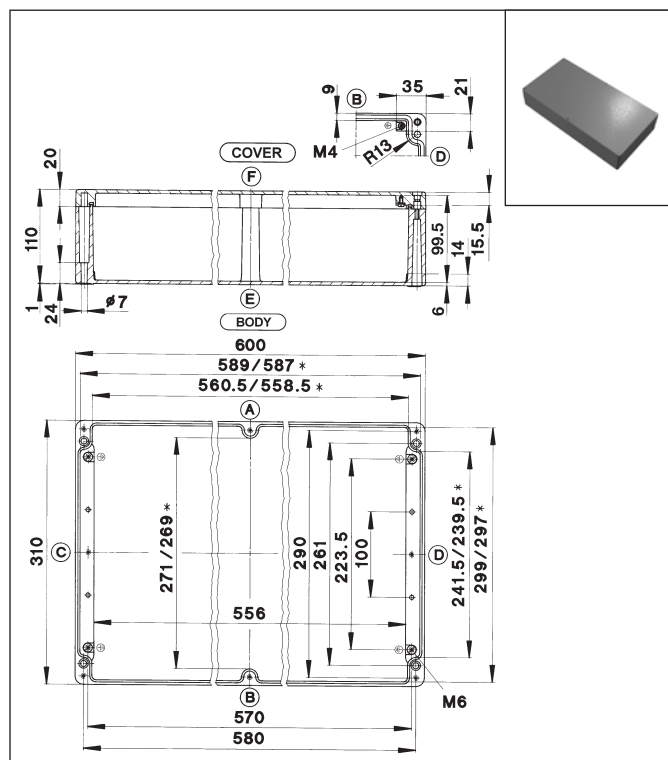
\* Smaller dimension at mounting plate support

Type	CA-460
Weight (g)	7420
External dimension (mm)	402,5 x 310 x 180
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1460000000
unwashed, not painted, loose accessories	1460049000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9511020000
Mounting rail TS 15	-
Mounting rail TS 32	9821014000
Mounting rail TS 35	9822017000
Earthing rail	9810015000
External mounting brackets	9824023000
External articulated hinges	9801047000
Internal articulated hinges with cover guide**	9801030000
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	136 68 50 30 21 12 10 8
Side C/D	74 38 28 18 12 8 6 3
** Enclosure preparation required	

### 600 x 310 x 110 mm

#### CA-470

#### Aluminium enclosures



\* Smaller dimension at mounting plate support

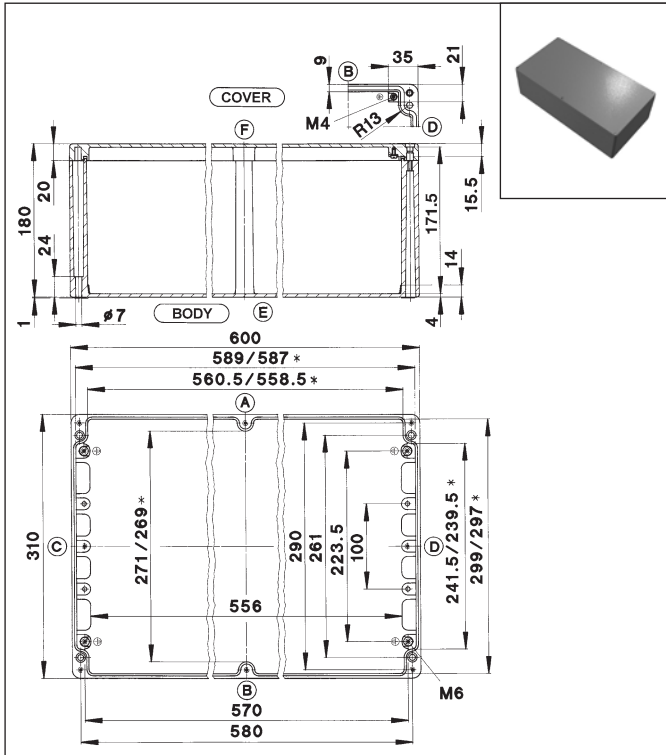
Type	CA-470
Weight (g)	8480
External dimension (mm)	600 x 310 x 110
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	1470000000
unwashed, not painted, loose accessories	1470062000
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	9511021000
Mounting rail TS 15	-
Mounting rail TS 32	9821016000
Mounting rail TS 35	9822019000
Earthing rail	9810017000
External mounting brackets	9824023000
External articulated hinges	9801047000
Internal articulated hinges with cover guide**	9801030000
Silicone seal for extended temperature range (by the metre)	on request
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	120 56 42 24 16 8 8 6
Side C/D	38 17 13 7 5 4 3 2
** Enclosure preparation required	

**600 x 310 x 180 mm**

**CA-480**

**Aluminium enclosures**

CAD files available  
at [www.bernstein.eu](http://www.bernstein.eu)



\* Smaller dimension at mounting plate support

<b>Type</b>	<b>CA-480</b>
Weight (g)	10840
External dimension (mm)	600 x 310 x 180
<b>Ordering data</b> Enclosure (painted) with seal (PUR)	<b>Part number</b>
with cover screws	<b>1480000000</b>
unwashed, not painted, loose accessories	<b>1480017000</b>
<b>Accessories</b> (individual part or installation kit)	
Mounting plate	<b>9511021000</b>
Mounting rail TS 15	-
Mounting rail TS 32	<b>9821016000</b>
Mounting rail TS 35	<b>9822019000</b>
Earthing rail	<b>9810017000</b>
External mounting brackets	<b>9824023000</b>
External articulated hinges	<b>9801047000</b>
Internal articulated hinges with cover guide**	<b>9801030000</b>
Silicone seal for extended temperature range (by the metre)	<b>on request</b>
<b>Maximum possible number of threads</b>	
ISO M	12 16 20 25 32 40 50 63
Side A/B	200 100 76 46 30 18 14 12
Side C/D	74 38 28 18 12 8 6 5
** Enclosure preparation required	