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

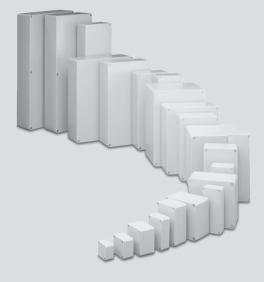
Seal

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

Cover screws

Stainless steel, captive, cross recessed head

Alun	nini	um en	clos	ure			
Dime	ensi	ons/m	m		Article number	Туре	
L	Х	В	х	Н		.,,,,,	
50	Х	45	Х	30	102000000	CA-020	
58	Х	64	Х	36	106000000	CA-060	
98	Х	64	Х	36	108000000	CA-080	
150	Х	64	Х	36	110000000	CA-100	
75	Х	80	Х	57	113000000	CA-130	
75	Х	80	Х	57	114000000	CA-140	
125	Х	80	Х	57	1150000000	CA-150	
125	Х	80	Х	57	1160000000	CA-160	
175	х	80	х	57	117000000	CA-170	
175	Х	80	Х	57	118000000	CA-180	
250	Х	80	Х	57	119000000	CA-190	
122	Х	122	Х	80	1210000000	CA-210	
122	х	122	х	90	1210000050	CA-215	
122	Х	122	Х	80	122000000	CA-220	
220	х	122	х	80	123000000	CA-230	
220	Х	122	Х	90	123000050	CA-235	
220	х	122	х	80	124000000	CA-240	
360	Х	122	Х	80	125000000	CA-250	
160	х	160	х	90	127000000	CA-270	
160	Х	160	х	90	128000000	CA-280	
260	х	160	х	90	129000000	CA-290	
260	Х	160	Х	90	130000000	CA-300	
360	х	160	х	90	131000000	CA-310	
560	Х	160	х	90	133000000	CA-330	
200	х	230	х	110	135000000	CA-350	
200	Х	230	х	180	136000000	CA-360	
280	х	230	х	110	137000000	CA-370	
330	Х	230	Х	110	138000000	CA-380	
330	х	230	х	180	139000000	CA-390	
401	Х	230	х	110	140000000	CA-400	
600	х	230	х	110	142000000	CA-420	
402	х	310	х	110	145000000	CA-450	
402	Х	310	х	180	146000000	CA-460	
600	х	310	х	110	147000000	CA-470	
600	X	310	X	180	148000000	CA-480	



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



Assembling of components



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.

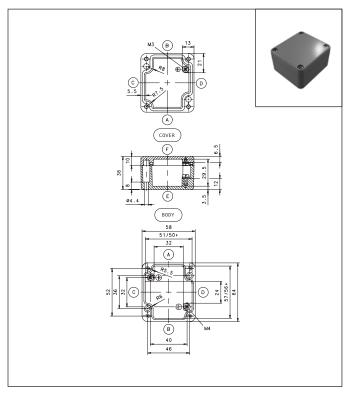


50 x 45 x 30 mm

CA-020 Aluminium enclosures

58 x 64 x 36 mm

CA-060 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-	020	
Weight (g)										70		
External dir	nensio	on (m	m)							50>	45 x 30	
Ordering d	l ata Er	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	R)		Par	t number	
with cover s	crews	;								102	0000000	
unwashed,	not pa	inted	l, loos	e acc	essor	ies				102	0034000	
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)					
Mounting p	late									-		
Mounting r	ail TS 1	15								-		
Mounting r	ail TS 3	32								-		
Mounting r	ail TS 3	35								-		
Earthing rai	1									-		
External mo	ountin	g bra	ckets							-		
External art	iculate	ed hir	iges							-		
Internal arti	iculate	d hin	ges v	vith c	over c	guide	**			-		
Silicone sea	l for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	-		
Maximum	possil	ole nu	ımbe	r of t	hrea	ds						
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	e prep	aratio	n rec	uirec								

^{*} Smaller dimension at mounting plate support

Туре										CA-060	
Weight (g)										160	
External dime	nsio	n (mı	m)							58 x 64 x 36	
Ordering data	a En	closu	ıre (p	ainte	d) wit	h sea	l (PUF	?)		Part number	
with cover scr	ews									1060000000	
unwashed, no	t pa	inted	, loos	e acc	essor	ies				1060038000	
Accessories (i		⁄idua	l part	or in	stalla	tion k	it)				
Mounting plat										9511001000	
Mounting rail										9820000000	
Mounting rail										-	
Mounting rail	TS 3	5								-	
Earthing rail										-	
External mour	_	•								-	
External articu			_							-	
Internal articu	late	d hin	ges w	ith c	over o	guide	**			_	
Silicone seal for	or ex	tend	ed te	mper	ature	rang	e (by	the me	etre)	on request	
Maximum po											
	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 p	repa	aratio	n rec	uired							



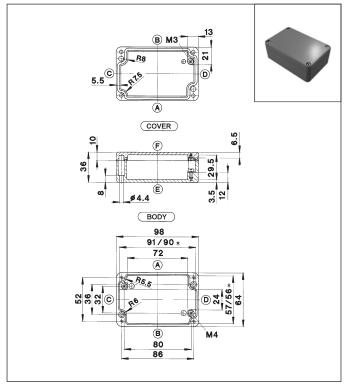
98 x 64 x 36 mm

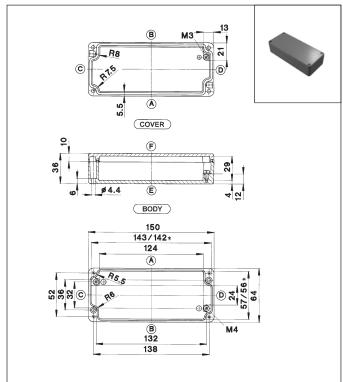
150 x 64 x 36 mm

CAD files available at www.bernstein.eu

CA-080 Aluminium enclosures

CA-100 Aluminium enclosures





** Enclosure preparation required

Туре										CA-080
Weight (g)										220
External dir	nensio	on (m	m)							98 x 64 x 36
Ordering d	lata Er	nclosi	ure (p	ainte	d) wit	h seal	(PUF	?)		Part number
with cover s	screws	;								108000000
unwashed,	not pa	inted	d, loos	se acc	essor	ies				1080042000
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	olate									9511002000
Mounting r	ail TS 1	15								9820005000
Mounting r	ail TS 3	32								-
Mounting r	ail TS 3	35								_
Earthing rai	il									-
External mo	ountin	g bra	ckets							_
External art	iculate	ed hir	nges							-
Internal arti	iculate	d hin	iges v	vith c	over o	guide [†]	* *			-
Silicone sea	l for e	xtend	led te	mpei	rature	rang	e (by	the m	etre)	on request
Maximum	possil	ole n	umbe	r of t	hrea	ds				
ISO M	12	16	20	25	32	40	50	63		
Side A/B	4	3	0	0	0	0	0	0		
Side C/D	1	0	0	0	0	0	0	0		

^{*} Smaller dimension at mounting plate support

Туре										CA-100
Weight (g)										330
External dim	ensi	on (m	m)							150 x 64 x 36
Ordering da	ita Ei	nclosu	ıre (p	ainted	d) wit	h seal	(PUF	?)		Part number
with cover so	rews	5								1100000000
unwashed, n	ot pa	ainted	l, loos	e acc	essor	ies				1100053000
Accessories	(indi	vidua	l part	or in	stalla	tion k	it)			
Mounting pl	ate									9511003000
Mounting ra	ilTS	15								9820011000
Mounting ra	il TS :	32								-
Mounting ra	il TS :	35								-
Earthing rail										-
External mou	untin	g bra	ckets							-
External artic	culat	ed hir	iges							-
Internal artic	ulate	ed hin	ges v	vith co	over g	guide ³	* *			-
Silicone seal	for e	xtend	led te	mper	ature	range	e (by	the m	etre)	on request
Maximum p	ossil	ble nu	ımbe	r of t	hread	ds				
ISO M	12	16	20	25	32	40	50	63		
Side A/B	6	4	0	0	0	0	0	0		
Side C/D	1	0	0	0	0	0	0	0		
** Enclosure	prep	aratio	n rec	uired						
	<u> </u>						_			

^{*} Smaller dimension at mounting plate support

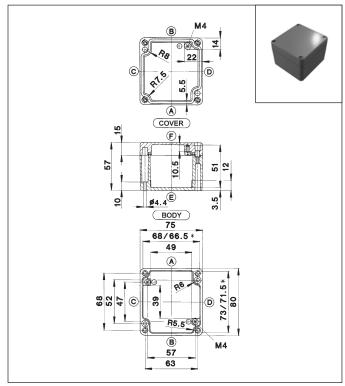
75 x 80 x 57 mm

CA-130 Aluminium enclosures

B M4 TOVER BODY B

75 x 80 x 57 mm

CA-140 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-130
Weight (g)										280
External dir	mensio	on (m	m)							75 x 80 x 57
Ordering of	lata Er	nclosi	ıre (p	ainte	d) wit	h sea	I (PUF	()		Part numbe
with cover	screws	;								1130000000
unwashed,	not pa	intec	d, loos	e acc	essor	ies				1130057000
Accessorie	s (indi	vidua	ıl part	or in	stalla	tion k	it)			
Mounting p	olate									9823015000
Mounting r	ail TS	15								9820002000
Mounting r	ail TS 3	32								-
Mounting r	ail TS 3	35								_
Earthing ra	il									_
External mo	ountin	g bra	ckets							-
External art	ticulate	ed hir	nges							9801044000
Internal art	iculate	d hin	iges v	vith c	over o	guide	**			-
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the r	netre)	on request
Maximum	possil	ole ni	umbe	r of t	hrea	ds				
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		
** Enclosur		4: -			1					

^{*} Smaller dimension at mounting plate support

Туре	CA-140
Weight (g)	280
External dimension (mm)	75 x 80 x 57
Ordering data Enclosure (painted) with seal (PUR)	Part number
with cover screws	114000000
unwashed, not painted, loose accessories	1140080000
Accessories (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 me	tre) on request
Maximum possible number of threads	
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	

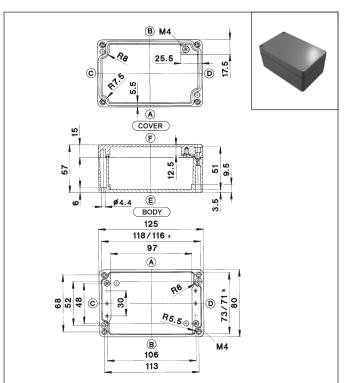


125 x 80 x 57 mm

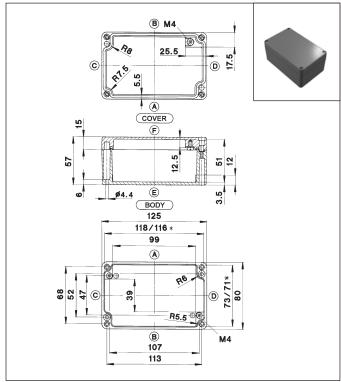
125 x 80 x 57 mm

CAD files available at www.bernstein.eu

CA-150 Aluminium enclosures



CA-160 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-150
Weight (g)										435
External di	mensic	n (m	m)							125 x 80 x 57
Ordering o	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	?)		Part number
with cover	screws									1150000000
unwashed,	not pa	inted	l, loos	e acc	essor	ies				1150019000
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	olate									9823016000
Mounting r	ail TS 1	15								9820010000
Mounting r	ail TS 3	32								-
Mounting r	ail TS 3	35								-
Earthing ra	il									-
External me	ountin	g bra	ckets							_
External art	iculate	ed hir	iges							9801044000
Internal art	iculate	d hin	ges v	vith c	over g	guide	**			-
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the r	netre)	on request
Maximum	possil	ole nu	ımbe	r of t	hrea	ds				
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		
				uired						

^{*} Smaller dimension at mounting plate support

Turns										CA-160	
Туре											
Weight (g)										435	
External dime		<u> </u>								125 x 80 x 57	_
Ordering da			ıre (p	ainted	d) wit	h seal	(PUF	?)		Part number	
with cover sc	rews									1160000000	
unwashed, n	ot pa	inted	, loos	e acc	essor	ies				1160045000	
Accessories	(indi	vidua	l part	or ins	talla	tion k	it)				
Mounting pla	ate									9511005000	
Mounting rai	ITS 1	5								9820036000	
Mounting rai	ITS 3	32								-	
Mounting rai	ITS 3	35								-	
Earthing rail										-	
External mou	ıntin	g bra	ckets							_	
External artic	ulate	ed hir	iges							9801044000	
Internal artic	ulate	d hin	ges w	ith co	over c	guide ³	* *			-	
Silicone seal	for e	ktend	ed te	mper	ature	range	e (by	the m	etre)	on request	
							• •			•	
Maximum p	ossik	ole nu	ımbe	r of t	hrea	ds					
ISO M	12		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			
** Enclosure	prep	aratic	n rec	uired	-						
											

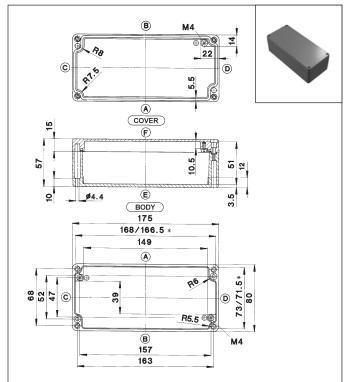
175 x 80 x 57 mm

CA-170 Aluminium enclosures

B M4 R 22 D 25 R 22 D 26 R 27 R 20 R 20

175 x 80 x 57 mm

CA-180 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-170
Weight (g)										530
External dir	mensio	on (m	m)							175 x 80 x 57
Ordering o	lata Er	nclosi	ure (p	ainte	d) wit	h sea	I (PUF	?)		Part numbe
with cover	screws	;								1170000000
unwashed,	not pa	intec	d, loos	e acc	essor	ies				1170016000
Accessorie	s (indi	vidua	ıl part	or in	stalla	tion k	it)			
Mounting p	olate									9823017000
Mounting r	rail TS 1	15								9820014000
Mounting r	rail TS 3	32								-
Mounting r	rail TS 3	35								-
Earthing ra	il									-
External mo	ountin	g bra	ckets							-
External art	ticulate	ed hir	nges							9801044000
Internal art	iculate	d hin	iges v	vith c	over o	guide	**			-
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the r	netre)	on request
Maximum	possil	ole ni	umbe	r of t	hrea	ds				
ISO M	12	16	20	25	32	40	50	63		
Side A/B	14	6	4	4	0	0	0	0		
Side C/D	3	2	1	0	0	0	0	0		
** Enclosur					1					

^{*} Smaller dimension at mounting plate support

Туре										CA-180
Weight (g)										530
External dimen	sion	(mn	n)							175 x 80 x 57
Ordering data	Enc	losu	re (pa	intec	l) wit	h seal	l (PUF	?)		Part number
with cover scre	ws									1180000000
unwashed, not	pain	ited,	loos	e acce	essor	ies				1180040000
Accessories (in	ndivi	dual	part	or ins	talla	tion k	it)			
Mounting plate	е									9511006000
Mounting rail T	S 15									9820037000
Mounting rail T	S 32									-
Mounting rail T	S 35									-
Earthing rail										-
External moun	ting	brac	kets							-
External articul	lated	hin	ges							9801044000
Internal articul	ated	hing	ges w	ith co	ver g	guide [†]	**			-
Silicone seal fo	r ext	ende	ed ter	mper	ature	rang	e (by	the m	netre)	on request
Maximum pos	sible	e nu	mbe	r of tl	rea	ds				
ISO M 1.	2 1	16	20	25	32	40	50	63		
Side A/B 1	4	6	4	4	0	0	0	0		
Side C/D	4	2	1	1	0	0	0	0		
** Enclosure pr	epar	atio	n req	uired						

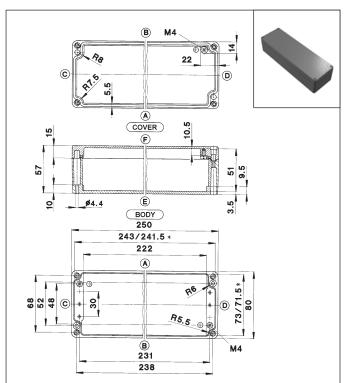


250 x 80 x 57 mm

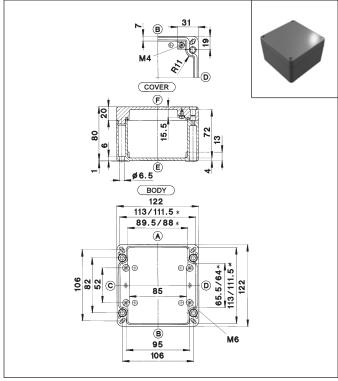
122 x 122 x 80 mm

CAD files available at www.bernstein.eu

CA-190 Aluminium enclosures



CA-210 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Weight (g) External dimension (mm) Ordering data Enclosure (painted) with seal (PUR)	710 250 x 80 x 57
Ordering data Enclosure (painted) with seal (PUR)	250 y 90 y 57
	230 X 80 X 37
	Part number
with cover screws	1190000000
Unwashed, not painted, loose accessories	1190026000
Accessories (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
nternal articulated hinges with cover guide**	-
Silicone seal for extended temperature range (by the metre)	on request
Maximum possible number of threads	
SO M 12 16 20 25 32 40 50 63	
Side A/B 22 9 7 5 0 0 0 0	

^{*} Smaller dimension at mounting plate support

Turno										CA-210	
Type											
Weight (g)										940	
External dime		<u> </u>								122 x 122 x 80	
Ordering da	ta En		Part number								
with cover sc	rews		121000000								
Unwashed, no	ot pa		1210016000								
Accessories	(indiv	/idua	l part	or ins	tallat	tion k	it)				
Mounting pla		9511150000									
Mounting rail	Mounting plate Mounting rail TS 15										
Mounting rail	ITS 3	2								9821000000	
Mounting rail	ITS 3	5								9822001000	
Earthing rail										9810002000	
External mou	inting	g bra	ckets							9824024000	
External artic	ulate	d hin	iges							9801047000	
Internal articu	ulate	d hin	ges w	ith co	ver c	juide ³	**			9801031000	
Silicone seal f	for ex	tend	ed te	mper	ature	range	e (bv	the m	etre)	on request	
							,		,		
Maximum po	ossib	le nu	ımbe	r of t	hread	ds					
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										
** Enclosure											
· · · · · ·	<u> </u>			_			_				

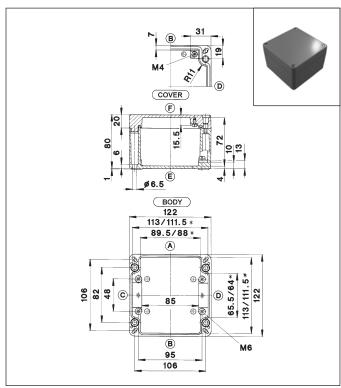
122 x 122 x 90 mm

CA-215 Aluminium enclosures

BODY 122 13/111.5 * 89.5/88 * 89.5/88 * A B 95 106 M6

122 x 122 x 80 mm

CA-220 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-215				
Weight (g)										940				
External dir	mensio	on (m	m)							122 x 122 x 90				
Ordering o	rdering data Enclosure (painted) with seal (PUR)													
with cover	vith cover screws													
unwashed,	1210012050													
	Inwashed, not painted, loose accessories													
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)							
Mounting p	Accessories (individual part or installation kit) Mounting plate													
Mounting r	ail TS	15								-				
Mounting r	ail TS 3	32								9821000000				
Mounting r	ail TS 3	35								9822001000				
Earthing ra	il									9810002000				
External mo	ountin	g bra	ckets							9824024000				
External art	ticulate	ed hir	nges							9801047000				
Internal art	iculate	d hin	iges v	vith c	over o	guide	**			9801031000				
Silicone sea	al for e	xtend	led te	mpei	ature	rang	e (by	the r	netre)	on request				
										•				
Maximum	possil	ole ni	umbe	r of t	hrea	ds								
ISO M	12	16	20	25	32	40	50	63						
Side A/B	12	6	4	2	2	0	0	0						
Side C/D														
Side C/D 5 2 2 1 0 0 0 0 ** Enclosure preparation required														

^{*} Smaller dimension at mounting plate support

Туре								CA-220						
Weight (g)								940						
External dimension	(mm)							122 x 122 x 80						
Ordering data Enc	losure (painte	d) wit	th seal	l (PUF	R)		Part number						
with cover screws														
unwashed, not pair	nwashed, not painted, loose accessories													
Accessories (indivi														
Mounting plate		9511008000												
Mounting rail TS 15								-						
Mounting rail TS 32								9821000000						
Mounting rail TS 35								9822001000						
Earthing rail								9810002000						
External mounting	bracket	ts						9824024000						
External articulated	hinges	5						9801047000						
Internal articulated	hinges	with c	over	guide [:]	**			9801031000						
Silicone seal for ext	ended	temper	ature	rang	e (by	the m	netre)	on request						
Maximum possible	e numl	er of t	hrea	ds										
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														
** Enclosure prepar	Side C/D 5 2 2 1 0 0 0 0 0 1													



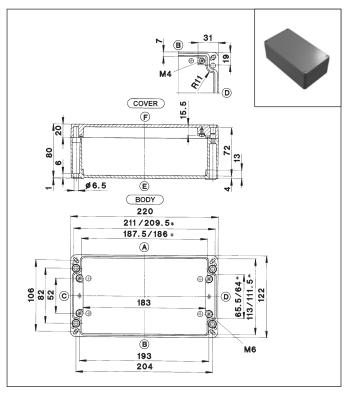
220 x 122 x 80 mm

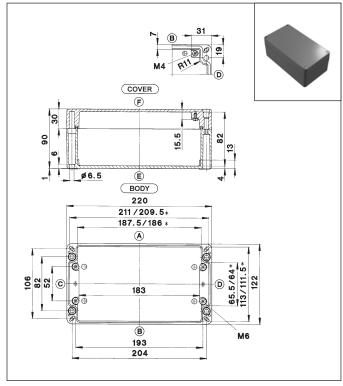
Aluminium enclosures

CA-230 CA-235

CA-235 Aluminium enclosures

220 x 122 x 90 mm





^{*} Smaller dimension at mounting plate support

Туре	CA-230
Weight (g)	1410
	220 x 122 x 80
External dimension (mm)	Part number
Ordering data Enclosure (painted) with seal (PUR) with cover screws	123000000
unwashed, not painted, loose accessories	1230015000
Accessories (individual part or installation kit)	
Mounting plate	9511095000
Mounting rail TS 15	-
Mounting rail TS 32	9821005000
Mounting rail TS 35	9822007000
Earthing rail	9810008000
External mounting brackets	9824024000
External articulated hinges	9801047000
Internal articulated hinges with cover guide**	9801031000
Silicone seal for extended temperature range (by the meti	e) on request
	•
Maximum possible number of threads	
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	

^{*} Smaller dimension at mounting plate support

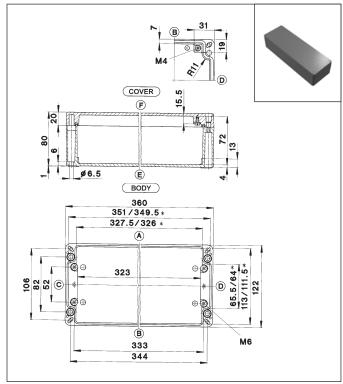
Tomas .	CA-235
Туре	U. 100
Weight (g)	1410
External dimension (mm)	220 x 122 x 90
Ordering data Enclosure (painted) with seal (PUR)	Part number
with cover screws	1230000050
unwashed, not painted, loose accessories	1230012050
Accessories (individual part or installation kit)	
Mounting plate	9511095000
Mounting rail TS 15	-
Mounting rail TS 32	9821005000
Mounting rail TS 35	9822007000
Earthing rail	9810008000
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
	•
Maximum possible number of threads	
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	

220 x 122 x 80 mm

CA-240 Aluminium enclosures

360 x 122 x 80 mm

CA-250 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-240				
Weight (g)										1410				
External dir	mensio	on (m	m)							220 x 122 x 8				
Ordering of	rdering data Enclosure (painted) with seal (PUR)													
with cover	rith cover screws													
unwashed,	inwashed, not painted, loose accessories													
Accessorie	s (indi	vidua	ıl part	or in	stalla	tion k	it)							
Mounting p	9511009000													
Mounting r	ail TS	15								-				
Mounting r	ail TS	32								9821005000				
Mounting r	ail TS	35								9822007000				
Earthing ra	il									9810008000				
External mo	ountin	g bra	ckets							9820024000				
External art	ticulat	ed hir	nges							9801047000				
Internal art	iculate	ed hin	iges v	vith c	over o	guide	**			9801031000				
Silicone sea	al for e	xtend	led te	mpei	ature	rang	e (by	the r	netre)	on request				
Maximum	possil	ble nı	umbe	r of t	hrea	ds								
ISO M	12	16	20	25	32	40	50	63						
Side A/B	27	12	8	5	4	0	0	0						
Side C/D														
** Enclosur		aratio	on roc	uiroc	1									

^{*} Smaller dimension at mounting plate support

Туре										CA-250
Weight (g)										1860
External dim	ensic	n (mı	m)							360 x 122 x 80
Ordering da	ta Er		Part number							
with cover so	rews		1250000000							
unwashed, n	ot pa		1250011000							
Accessories	(indi									
Mounting pl	ate		9511174000							
Mounting ra	il TS 1	15								-
Mounting ra	il TS 3	32								9821012000
Mounting ra	il TS 3	35								9822015000
Earthing rail										9810014000
External mou	untin	g bra	ckets							9824024000
External artic	culate	ed hin	iges							9801047000
Internal artic	ulate	d hin	ges w	ith co	ver <u>c</u>	guide [;]	(*			9801031000
Silicone seal	for e	xtend	ed te	mpera	ature	range	e (by	the m	netre)	on request
Maximum p	ossil	ole nu	ımbe	r of tl	rea	ds				
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									
** Enclosure	prep	aratio	n req	uired						

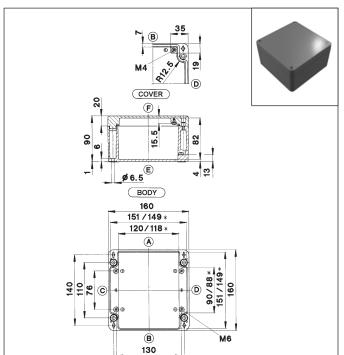


160 x 160 x 90 mm

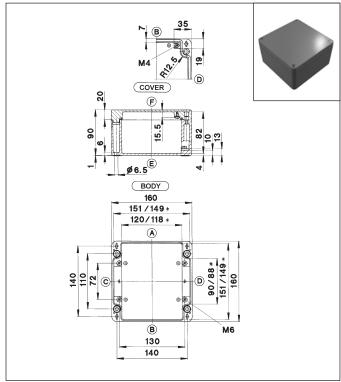
160 x 160 x 90 mm

CAD files available at www.bernstein.eu

CA-270 Aluminium enclosures



CA-280 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Weight (g) External dimension (mm) Ordering data Enclosure (painted) with seal (PUR) with cover screws unwashed, not painted, loose accessories Accessories (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**	1410 160 x 160 x 90 Part number 1270000000 1270013000 9511149000
Ordering data Enclosure (painted) with seal (PUR) with cover screws unwashed, not painted, loose accessories Accessories (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**	Part number 127000000 1270013000 9511149000
with cover screws unwashed, not painted, loose accessories Accessories (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**	1270000000 1270013000 9511149000
Accessories (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**	9511149000 -
Accessories (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	9511149000
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**	-
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**	-
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**	-
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**	-
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**	-
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**	-
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**	-
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**	-
Mounting rail TS 32 Mounting rail TS 35 Earthing rail External mounting brackets External articulated hinges Internal articulated hinges with cover guide**	-
Mounting rail TS 35 Earthing rail External mounting brackets External articulated hinges Internal articulated hinges with cover guide**	000400000
Earthing rail External mounting brackets External articulated hinges Internal articulated hinges with cover guide**	9821002000
External mounting brackets External articulated hinges Internal articulated hinges with cover guide**	9822003000
External articulated hinges Internal articulated hinges with cover guide**	9810004000
nternal articulated hinges with cover guide**	9824024000
	9801047000
	9801030000
Silicone seal for extended temperature range (by the metre)	on request
Maximum possible number of threads	
SO 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	

^{*} Smaller dimension at mounting plate support

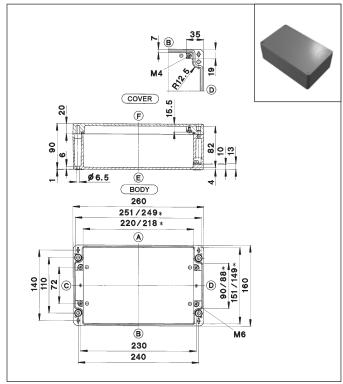
Туре										CA-280
Weight (g)										1410
External din		<u> </u>								160 x 160 x 90
Ordering d	ata Er	nclosu	ıre (p	ainted	d) wit	h seal	l (PUF	?)		Part number
with cover s	crews		1280000000							
unwashed, r	not pa		1280033000							
Accessories	(indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	late		9511011000							
Mounting ra	ail TS 1	15								_
Mounting ra	ail TS 3	32								9821002000
Mounting ra	ail TS 3	35								9822003000
Earthing rail										9810004000
External mo	untin	g bra	ckets							9824024000
External arti	culate	ed hir	iges							9801047000
Internal arti	culate	d hin	ges w	ith co	over g	guide [:]	**			9801030000
Silicone seal	for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request
Maximum p	ossil	ole nu	ımbe	r of t	hrea	ds				
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									
** Enclosure	prep									

260 x 160 x 90 mm

CA-290 Aluminium enclosures

260 x 160 x 90 mm

CA-300 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Type										CA-290				
Weight (g)										1960				
External di	mensio	on (m	m)							260 x 160 x 90				
Ordering o	rdering data Enclosure (painted) with seal (PUR)													
with cover	vith cover screws nwashed, not painted, loose accessories													
unwashed,	1290011000													
	, , , , , , , , , , , , , , , , , , , ,													
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)							
Mounting p	9511096000													
Mounting r	rail TS	15								-				
Mounting r	rail TS	32								9821008000				
Mounting r	rail TS	35								9822011000				
Earthing ra	il									9810010000				
External me	ountin	g bra	ckets							9824024000				
External art	ticulat	ed hir	nges							9801047000				
Internal art	iculate	ed hin	iges v	vith c	over o	guide	**			9801030000				
Silicone sea	al for e	xtenc	led te	mper	ature	rang	e (by	the r	netre)	on request				
Maximum	possil	ble n	umbe	r of t	hrea	ds								
ISO M	12	16	20	25	32	40	50	63						
Side A/B	36	17	12	7	4	3	3	0						
Side C/D														
** Enclosur	e nren	aratio	on rec	uirec	1									

^{*} Smaller dimension at mounting plate support

Туре									CA-300
Weight (g)									1960
External dim	ensic	260 x 160 x 90							
Ordering da	ta Er	Part number							
with cover so	rews	130000000							
unwashed, n	ot pa	1300041000							
Accessories	(indi	vidua	l part	or ins	tallat	tion k	it)		
Mounting pla	ate	9511012000							
Mounting rai	il TS 1	15							-
Mounting rai	il TS 3	32							9821008000
Mounting rai	il TS 3	35							9822011000
Earthing rail									9810010000
External mou	untin	g bra	ckets						9824024000
External artic	culate	ed hin	iges						9801047000
Internal artic	ulate	d hin	ges w	ith co	ver g	juide ³	(*		9801030000
Silicone seal	for e	xtend	led te	mper	ature	range	e (by	the m	etre) on request
Maximum p	ossil	ole nu	ımbe	r of ti	hread	ds			
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								
** Enclosure	prep								

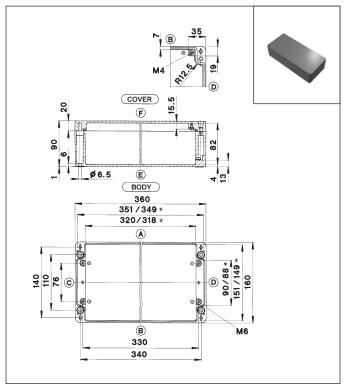


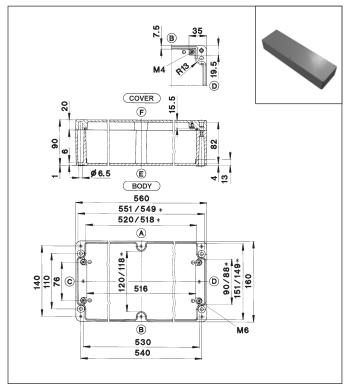
360 x 160 x 90 mm

CA-310 Aluminium enclosures

560 x 160 x 90 mm

CA-330 Aluminium enclosures





^{*} Smaller dimension at mounting plate support

Туре										CA-310
Weight (g)										2550
External di	mensio	on (m	m)							360 x 160 x 90
Ordering o	data E		Part number							
with cover	screws	1310000000								
unwashed,	not pa	1310071000								
Accessorie										
Mounting p		9511175000								
Mounting r										-
Mounting r	rail TS	32								9821012000
Mounting r	rail TS	35								9822015000
Earthing ra	il									9810042000
External me	ountin	g bra	ckets							9824024000
External art	ticulat	ed hir	nges							9801047000
Internal art	iculate	ed hin	iges v	vith c	over o	guide	**			9801030000
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request
Maximum	possil	ble nı	umbe	er of t	hrea	ds				
ISO M	12	16	20	25	32	40	50	63		
Side A/B	54									
Side C/D	8									
** Enclosure preparation required										

^{*} Smaller dimension at mounting plate support

_										
Туре										CA-330
Weight (g)										4310
External dim	ensi	on (m	m)							560 x 160 x 90
Ordering da	ita Ei	nclosu	ıre (p	ainted	d) wit	h seal	(PUF	?)		Part number
with cover so	rews		1330000000							
unwashed, n	ot pa	inted	l, loos	e acc	essor	ies				1330022000
Accessories	(indi	vidua	l part	or in	stalla	tion k	it)			
Mounting pl	ate									9511014000
Mounting ra	il TS	15								-
Mounting ra	il TS :	32								9821015000
Mounting ra	il TS :	35								9822018000
Earthing rail										9810016000
External mou	untin	g bra	ckets							9824024000
External artic	culat	ed hir	nges							9801047000
Internal artic	ulate	d hin	ges v	ith co	over o	guide ³	(*			9801030000
Silicone seal	for e	xtend	led te	mper	ature	range	e (by	the m	etre)	on request
				·						·
Maximum p	ossil	ole nu	ımbe	r of t	hrea	ds				
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										

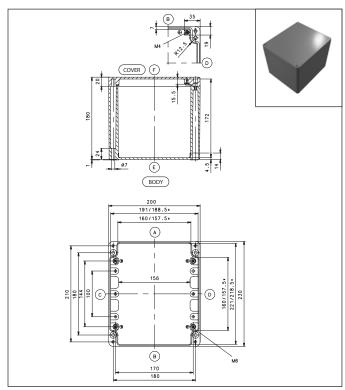
200 x 230 x 110 mm

CA-350 Aluminium enclosures

BODY 200 191/188.51 160/157.51 (A) (B) (COVER) (F) (COVER) (COVER)

200 x 230 x 180 mm

CA-360 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Type									CA-350				
Weight (g)									2730				
External dimensi	on (m	m)							200 x 230 x 11				
Ordering data E	nclosi	ıre (p	ainte	d) wit	h sea	I (PUF	R)		Part number				
with cover screws	with cover screws												
unwashed, not p	1350017000												
Accessories (ind	ividua	ıl part	or in	stalla	tion k	it)							
Mounting plate									9511015000				
Mounting rail TS	15								-				
Mounting rail TS	32								9821003000				
Mounting rail TS	35								9822005000				
Earthing rail									9810007000				
External mountin	ıg bra	ckets							9824023000				
External articulat	ed hir	nges							9801047000				
Internal articulate	ed hin	iges v	vith c	over g	guide	**			9801030000				
Silicone seal for e	xtenc	led te	mper	ature	rang	e (by	the m	etre)	on request				
	ble n	umbe	er of t	hrea	ds								
Maximum possi				22	40	50	63						
ISO M 12	16	20	25	32	40	30	05						
•		20 12		4 3	3	2	2						

^{*} Smaller dimension at mounting plate support

Туре									CA-360				
Weight (g)									3680				
External dimens	sion (r	nm)							200 x 230 x 180				
Ordering data	Enclo	sure (pa	intec	l) wit	h seal	(PUF	?)		Part number				
with cover screv	vith cover screws												
unwashed, not	painte	ed, loos	e acce	essor	ies				1360043000				
Accessories (in	dividu	ıal part	or ins	tallat	tion k	it)							
Mounting plate									9511015000				
Mounting rail TS	5 15								-				
Mounting rail TS	32								9821003000				
Mounting rail TS	35								9822005000				
Earthing rail									9810007000				
External mount	ing br	ackets							9824023000				
External articula	ited h	inges							9801047000				
Internal articula	ted h	inges w	ith co	ver g	guide³	(*			9801030000				
Silicone seal for	exter	ided te	mpera	ature	range	e (by	the m	etre)	on request				
Maximum poss	ible ı	numbe	r of tl	reac	ds								
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													
** Enclosure pre													



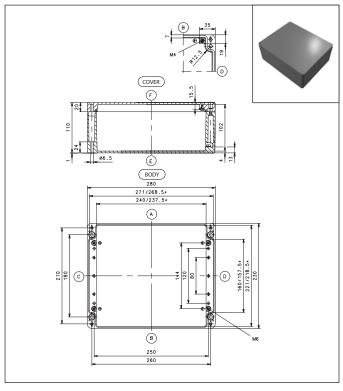
280 x 230 x 110 mm

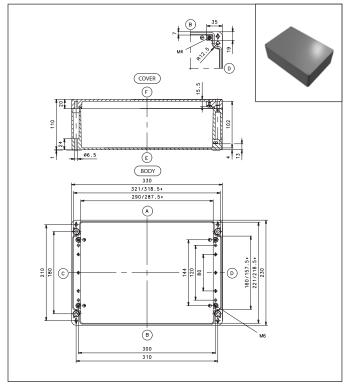
330 x 230 x 110 mm

CAD files available at www.bernstein.eu

CA-370 Aluminium enclosures

CA-380 Aluminium enclosures





Туре										CA-370	
Weight (g)										3840	
External di	mensi	on (m	m)							280 x 230 x 110	
Ordering o	data E	nclosi	ure (p	ainte	d) wit	h sea	I (PUF	R)		Part number	
with cover	screws	5								137000000	
unwashed,	not pa	1370015000									
Accessories (individual part or installation kit)											
Mounting										9511016000	
Mounting I	rail TS	15								-	
Mounting I	rail TS	32								9821009000	
Mounting I	rail TS	35								9822012000	
Earthing ra	il									9810011000	
External m	ountin	ıg bra	ckets							9824023000	
External ar	ticulat	ed hir	nges							9801047000	
Internal art	iculate	ed hin	iges v	vith c	over g	guide	**			9801030000	
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request	
Maximum	possi	ble n	umbe	er of t	hrea	ds					
ISO M	12	16	20	25	32	40	50	63			
Side A/B	53	25	18	11	7	4	3	3			
Side C/D											
** Enclosur	e prep	aratio	on rec	quirec	l						

Type CA-380 Weight (g) 4270 External dimension (mm) 330 x 230 x 110 Ordering data Enclosure (painted) with seal (PUR) Part number	
External dimension (mm) 330 x 230 x 110	
Ordering data Enclosure (painted) with seal (PUR) Part number	
Tall that the same of the same	
with cover screws 138000000	
unwashed, not painted, loose accessories 1380014000	
Accessories (individual part or installation kit)	
Mounting plate 9511017000	
Mounting rail TS 15 –	
Mounting rail TS 32 9821011000	
Mounting rail TS 35 9822014000	
Earthing rail 9810013000	
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	
Maximum possible number of threads	
Maximum possible number of threads ISO M 12 16 20 25 32 40 50 63	
•	
ISO M 12 16 20 25 32 40 50 63	

^{*} Smaller dimension at mounting plate support

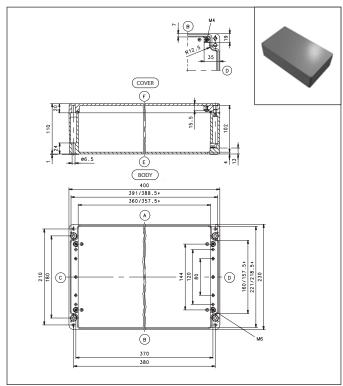
330 x 230 x 180 mm

CA-390 Aluminium enclosures

B 35 COVER M4 23 (COVER M4 2

400 x 230 x 110 mm

CA-400 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-390		
Weight (g))									5300		
External d	imensi	on (m	m)							330 x 230 x 180		
Ordering	data E	nclosi	ıre (p	ainte	d) wit	h sea	l (PUF	1)		Part number		
with cover	with cover screws											
unwashed	1390012000											
Accessori	•	ividua	l part	or in	stalla	tion k	it)					
Mounting	plate									9511017000		
Mounting	rail TS	15								-		
Mounting	rail TS	32								9821011000		
Mounting	rail TS	35								9822014000		
Earthing ra	ail									9810013000		
External m	nountin	ıg bra	ckets							9824023000		
External a										9801047000		
Internal ar	ticulate	ed hir	iges v	vith c	over g	guide	**			9801030000		
Silicone se	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request		
Maximum	•			r of t	hrea	ds						
ISO M	12	16	20	25	32	40	50	63				
Side A/B	108	54			15	9	8	6				
Side C/D 52 27 18 12 8 5 3 3												
** Enclosu	re prep	aratio	on rec	uirec	l							

^{*} Smaller dimension at mounting plate support

Туре										CA-400
Weight (g)										4870
External dim	ensio	n (mı	m)							400 x 230 x 110
Ordering da	ta En	closu	ıre (pa	ainted	d) wit	h seal	(PUF	?)		Part number
with cover so	rews		1400000000							
unwashed, n	ot pa	inted	, loos	e acc	essor	ies				1400013000
Accessories	(indiv	/idua	l part	or in	stalla	tion k	it)			
Mounting pla										9511294000
Mounting rai	ITS 1	5								-
Mounting rai	ITS 3	2								9821014000
Mounting rai	ITS 3	5								9822017000
Earthing rail										9810015000
External mou	ınting	g bra	ckets							9824023000
External artic	ulate	d hin	iges							9801047000
Internal artic	ulate	d hin	ges w	ith co	over g	guide [†]	* *			9801030000
Silicone seal	for ex	tend	ed te	mper	ature	rang	e (by	the m	etre)	on request
Maximum p	ossib	le nu	ımbe	r of t	hrea	ds				
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										

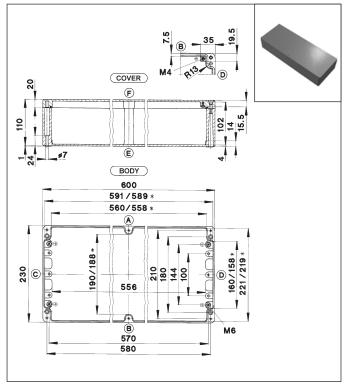


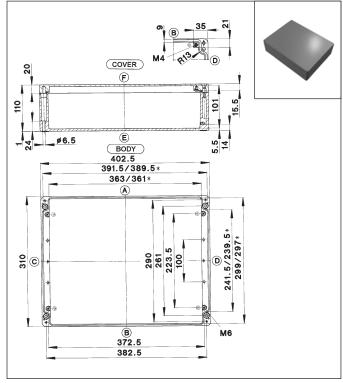
600 x 230 x 110 mm

CA-420 Aluminium enclosures

402,5 x 310 x 110 mm

CA-450 Aluminium enclosures





^{*} Smaller dimension at mounting plate support

Туре										CA-420
Weight (g)										6380
External di	imensi	on (m	m)							600 x 230 x 110
Ordering	data E	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	R)		Part number
with cover	screws	5								1420000000
Unwashed	l, not p	ainted	d, loos	se acc	essor	ies				1420011000
Accessori	es (indi	ividua	l part	or in	stalla	tion k	it)			
Mounting	plate									9511019000
Mounting	rail TS	15								-
Mounting	rail TS	32								9821016000
Mounting	rail TS	35								9822019000
Earthing ra	ail									9810017000
External m	ountin	ig bra	ckets							9824023000
External ar	rticulat	ed hir	nges							9801047000
Internal ar	ticulate	ed hin	ges v	vith c	over g	guide	**			9801030000
Silicone se	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request
Maximum	possil	ble n	umbe	r of t	hrea	ds				
ISO M	12	16	20	25	32	40	50	63		
Side A/B	120	56	42	24	16	8	8	6		
Side C/D	28	13	8	5	3	2	2	1		
** Enclosu	re prep									

^{*} Smaller dimension at mounting plate support

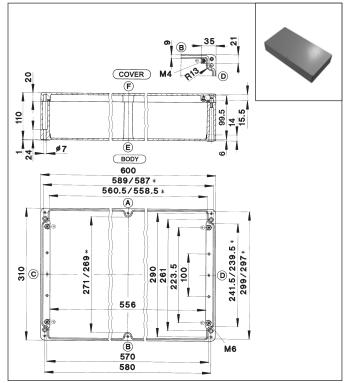
											_
Туре										CA-450	
Weight (g)										5810	
External dim	ensio	n (mr	n)							402,5 x 310 x 110	
Ordering da	ta En	closu	re (pa	inted) with	n seal	(PUR)		Part number	
with cover so	rews									1450000000	
Unwashed, n	ot pa	inted	, loos	e acce	essori	ies				1450025000	
Accessories	(indiv	/idua	part	or ins	tallat	ion ki	t)				
Mounting pla	ate		9511020000								
Mounting rai	il TS 1	5								-	
Mounting rai	il TS 3	2								9821014000	
Mounting rai	il TS 3	5								9822017000	
Earthing rail										9810015000	
External mou	unting	g brad	kets							9824023000	
External artic	culate	d hin	ges							9801047000	
Internal artic	ulate	d hin	ges w	ith co	ver g	uide*	*			9801030000	
Silicone seal	for ex	tend	ed ter	mpera	ture	range	e (by t	the m	etre)	on request	
Maximum p	ossib	le nu	mbe	r of th	read	ls					
ISO M	12	16	20	25	32	40	50	63			
Side A/B	80	38	27	17	11	6	5	4			
Side C/D	38	21	13	7	5	4	3	2			
** Enclosure preparation required											
											_

402,5 x 310 x 180 mm

CA-460 Aluminium enclosures

600 x 310 x 110 mm

CA-470 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Type										CA-460
Weight (g)										7420
External d	imensi	on (m	m)							402,5 x 310 x 180
Ordering	data E	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	R)		Part number
with cover	screws	5								1460000000
unwashed	1460049000									
Accessori	es (indi	ividua	ıl part	or in	stalla	tion k	it)			
Mounting	plate									9511020000
Mounting	rail TS	15								-
Mounting	rail TS	32								9821014000
Mounting	rail TS :	35								9822017000
Earthing ra	ail									9810015000
External m	ountin	ig bra	ckets							9824023000
External a	rticulat	ed hir	nges							9801047000
Internal ar	ticulate	ed hin	iges v	vith c	over o	guide	**			9801030000
Silicone se	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request
Maximum	possi	ble ni	umbe	r of t	hrea	ds				
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		
** Enclosu	re prep	aratio	on rec	uirec	1					

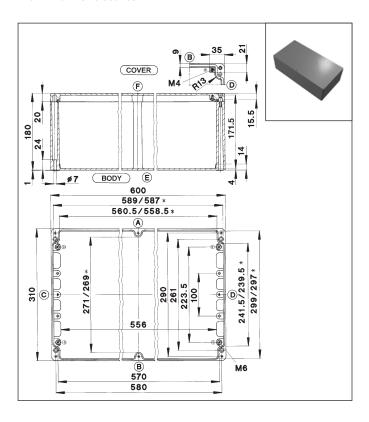
^{*} Smaller dimension at mounting plate support

Туре									CA-470				
Weight (g)									8480				
External dimens	ion (m	m)							600 x 310 x 110				
Ordering data	Enclosi	ıre (pa	intec	l) wit	h seal	(PUF	?)		Part number				
with cover screv	vith cover screws												
unwashed, not j	painted	l, loos	e acce	essori	ies				1470062000				
Accessories (inc	dividua	l part	or ins	tallat	tion k	it)							
Mounting plate									9511021000				
Mounting rail TS	15								-				
Mounting rail TS	32								9821016000				
Mounting rail TS	35								9822019000				
Earthing rail									9810017000				
External mounti	ng bra	ckets							9824023000				
External articula	ted hir	nges							9801047000				
Internal articula	ted hin	ges w	ith co	ver g	juide³	(*			9801030000				
Silicone seal for	extend	led te	mpera	ature	range	e (by	the m	etre)	on request				
Maximum poss	ible n	umbe	r of tl	reac	ds								
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													
** Enclosure pre	paratio	n req	uired										



600 x 310 x 180 mm

CA-480 Aluminium enclosures



* Smaller dimension at mounting plate support

Туре										CA-480		
Weight (g)										10840		
External dimension (mm)										600 x 310 x 1	80	
Ordering data Enclosure (painted) with seal (PUR)										Part number		
with cover screws										1480000000		
unwashed, not painted, loose accessories										1480017000	1	
Accessories (individual part or installation kit)												
Mounting plate										9511021000	1	
Mounting rail TS 15										-		
Mounting rail TS 32										9821016000	1	
Mounting rail TS 35										9822019000		
Earthing rail										9810017000		
External mounting brackets										9824023000	1	
External articulated hinges										9801047000	1	
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	200	100	76	46	30	18	14	12				
Side C/D	74	38	28	18	12	8	6	5				
** Enclosure preparation required												