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 IP66 according to DIN EN 60529 (optionally IP67).

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

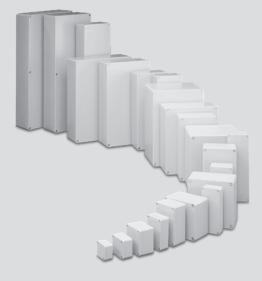
#### Seal

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

#### **Cover screws**

Stainless steel, captive, cross recessed head

Alum	Aluminium enclosure											
Dime	ensi x	ons/m W	m x	н	Article number	Туре						
50	x	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	115000000	CA-150						
125	х	80	Х	57	116000000	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	121000000	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	х	310	х	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**

IP66 IP67 with PUR seal

#### **Approbations**

Germanischer Lloyd c UL us (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.



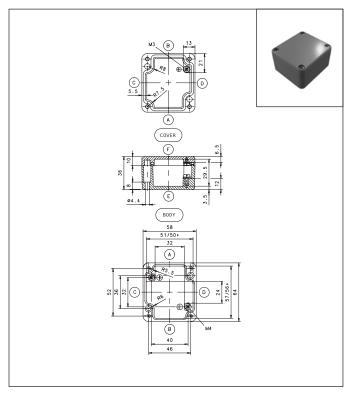
#### 50 x 45 x 30 mm

#### CA-020 Aluminium enclosures

# 11.5 M3 B COVER COVER BODY BODY BODY BODY A 45/44.5\*

#### 58 x 64 x 36 mm

#### CA-060 Aluminium enclosures



<sup>\*</sup> 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 <b>ata</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	?)		Par	t numbei	r
with cover :	crews	;								102	20000000	)
unwashed,	not pa		102	20034000	)							
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	nges							-		
Internal art	iculate	d hin	ges v	vith c	over c	guide	**			-		
Silicone sea	l for e	xtend	led te	mper	ature	rang	e (by	the me	etre)	-		
Maximum	possil	ole nu	umbe	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				
** Enclosur	e prep	aratio	on rec	uirec								

<sup>\*</sup> Smaller dimension at mounting plate support

Туре			CA-060										
Weight (g)										160			
External din	nensio	on (m	m)							58 x 64 x 36			
Ordering d	<b>ata</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	I (PUF	?)		Part number			
with cover s	screws	;								1060000000			
unwashed,	not pa	inted	l, loos	e acc	essor	ies				1060038000			
Accessories (individual part or installation kit)													
Mounting p										9511001000			
Mounting ra										982000000			
Mounting ra	ail TS 3	32								-			
Mounting ra	ail TS 3	35								-			
Earthing rai	1									-			
External mo	ountin	g bra	ckets							-			
External art	iculate	ed hir	nges							-			
Internal arti	iculate	d hin	ges v	vith c	over g	guide	**			-			
Silicone sea	I for e	xtend	led te	mper	ature	rang	e (by	the me	tre)	on request			
Maximum	possil	ole nu	umbe	r of t	hrea	ds							
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	** Enclosure preparation required												



CAD files available at www.bernstein.eu

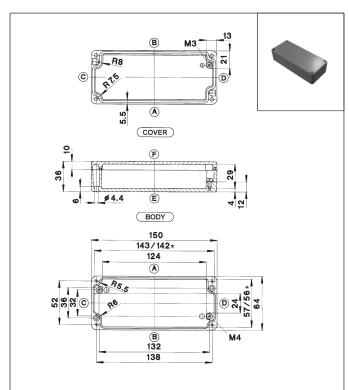
#### 98 x 64 x 36 mm

#### CA-080 Aluminium enclosures

#### 

#### 150 x 64 x 36 mm

#### CA-100 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-080				
Weight (g)										220				
External dir	nensio	on (m	m)							98 x 64 x 36				
Ordering d	<b>lata</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	?)		Part number				
with cover	screws	;								1080000000				
unwashed,	not pa	inted	l, loos	e acc	essor	ies				1080042000				
Accessorie	<b>s</b> (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	iges							_				
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			_				
Silicone sea	I for e	xtend	led te	mper	ature	rang	e (by	the n	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	4	3	0	0	0	0	0	0						
Side C/D	1	0	0	0	0	0	0	0						
** Enclosure preparation required														

<sup>\*</sup> Smaller dimension at mounting plate support

Tumo										CA-100				
Туре														
Weight (g)										330				
External dime		<u> </u>								150 x 64 x 36				
Ordering da			ıre (p	aintec	d) wit	h seal	(PUF	?)		Part number				
with cover sc	rews									1100000000				
unwashed, n	ot pa		1100053000											
Accessories	(indi	vidua	l part	or ins	stalla	tion k	it)							
Mounting pla	ate									9511003000				
Mounting rai	ITS 1	15								9820011000				
Mounting rai	ITS 3	32								-				
Mounting rai	ITS 3	35								-				
Earthing rail										-				
External mou	ıntin	g bra	ckets							_				
External artic	ulate	ed hir	nges							-				
Internal artic	ulate	d hin	ges v	ith co	over c	guide <sup>3</sup>	<del>* *</del>			-				
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	6	4	0	0	0	0	0	0						
Side C/D	1	0	0	0	0	0	0	0						
** Enclosure	** Enclosure preparation required													

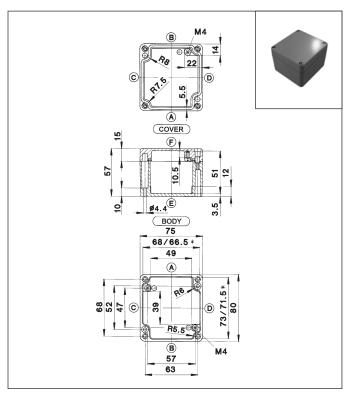
#### 75 x 80 x 57 mm

#### CA-130 Aluminium enclosures

# 

#### 75 x 80 x 57 mm

CA-140 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-130					
Weight (g)										280					
External din	nensio	on (m	m)							75 x 80 x 57					
Ordering d	<b>ata</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	I (PUF	?)		Part number					
with cover s	crews	;								1130000000					
unwashed,	nwashed, not painted, loose accessories														
Accessorie	<b>s</b> (indi	vidua	l part	or in	stalla	tion k	it)								
Mounting p	late									9823015000					
Mounting ra	ail TS 1	15								9820002000					
Mounting ra	ail TS 3	32								-					
Mounting ra	ail TS 3	35								-					
Earthing rai	I									-					
External mo	untin	g bra	ckets							_					
External art	iculate	ed hir	nges							9801044000					
Internal arti	culate	d hin	ges v	vith c	over o	guide	**			-					
Silicone sea	I for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request					
Maximum	possil	ole nu	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							
** Enclosure preparation required															

<sup>\*</sup> Smaller dimension at mounting plate support

Туре			CA-140											
Weight (g)										280				
External dime	nsior	ım) r	n)							75 x 80 x 57				
Ordering data	a End	closu	re (pa	inted	l) wit	h seal	(PUF	?)		Part number				
with cover scre	ews									1140000000				
unwashed, no	t pai	1140080000												
Accessories (i	ndiv													
Mounting plat	te		9511004000											
Mounting rail	TS 1	5								9820035000				
Mounting rail	TS 32	2								-				
Mounting rail	TS 3	5								-				
Earthing rail										-				
External mour	nting	brad	kets							-				
External articu	ılate	d hin	ges							9801044000				
Internal articu	lated	l hin	ges w	ith co	over o	guide <sup>;</sup>	K- <del>X</del>			-				
Silicone seal fo	or ex	tend	ed te	mper	ature	range	e (by	the m	etre)	on request				
Maximum po	ssib	le nu	ımbe	r of t	hrea	ds								
ISO M 1	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														



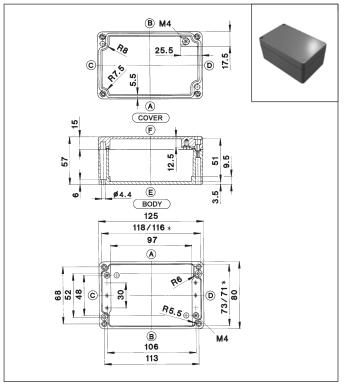
#### 125 x 80 x 57 mm

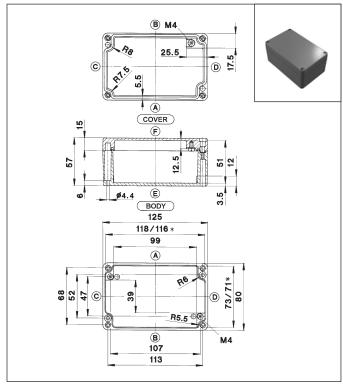
#### 125 x 80 x 57 mm

#### **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 dir	mensio	on (m	m)							125 x 80 x 57					
Ordering of	lata E	nclosi	ıre (p	ainte	d) wit	h sea	I (PUF	R)		Part number					
with cover	screws	5								1150000000					
unwashed,	not pa	1150019000													
Accessories (individual part or installation kit)															
Mounting p	olate									9823016000					
Mounting r	ail TS	15								9820010000					
Mounting r	ail TS :	32								-					
Mounting r	ail TS :	35								-					
Earthing ra	il									-					
External mo	ountin	g bra	ckets							-					
External art	ticulat	ed hir	nges							9801044000					
Internal art	iculate	ed hin	ges v	vith c	over o	guide	**			-					
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request					
Maximum	possi	ble n	umbe	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							
** Enclosur	e prep	aratio	n rec	uirec	1										

T	Type CA-160													
Туре														
Weight (g)										435				
External dim										125 x 80 x 57				
Ordering da	<b>ta</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	I (PUF	₹)		Part number				
with cover so	rews	5								1160000000				
unwashed, n	ot pa		1160045000											
Accessories	(indi													
Mounting pla	ate									9511005000				
Mounting rai	il TS 1	15								9820036000				
Mounting rai	il TS 3	32								-				
Mounting rai	il TS 3	35								-				
Earthing rail										-				
External mou	untin	g bra	ckets							-				
External artic	culate	ed hir	iges							9801044000				
Internal artic	ulate	d hin	ges w	ith c	over o	guide	**			-				
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	10	4	3	2	0	0	0	0						
Side C/D	4	2	1	1	0	0	0	0						
** Enclosure preparation required														
	<u> </u>													

<sup>\*</sup> Smaller dimension at mounting plate support

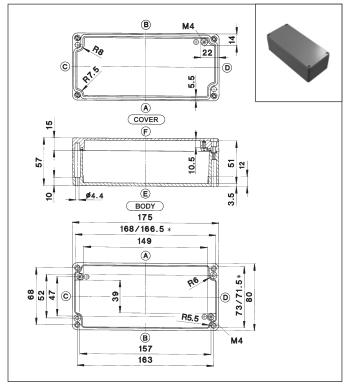
#### 175 x 80 x 57 mm

#### CA-170 Aluminium enclosures

#### 

#### 175 x 80 x 57 mm

CA-180 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Type										CA-170					
Weight (g)										530					
External di	mensio	on (m	m)							175 x 80 x 57					
Ordering o	<b>lata</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	I (PUF	()		Part number					
with cover	screws	;								1170000000					
unwashed,	nwashed, not painted, loose accessories														
Accessorie	Accessories (individual part or installation kit)														
Mounting p	olate									9823017000					
Mounting r	ail TS	15								9820014000					
Mounting r	ail TS 3	32								-					
Mounting r	ail TS 3	35								-					
Earthing ra	il									-					
External me	ountin	g bra	ckets							-					
External art	ticulate	ed hir	nges							9801044000					
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			-					
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request					
Maximum	possil	ole nu	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							
** Enclosure preparation required															

<sup>\*</sup> Smaller dimension at mounting plate support

Туре								CA-180						
Weight (g)								530						
External dimension (ı	mm)							175 x 80 x 57						
Ordering data Enclo	sure (p	ainted	l) wit	h seal	(PUF	₹)		Part number						
with cover screws								1180000000						
unwashed, not painte	nwashed, not painted, loose accessories													
Accessories (individu	Accessories (individual part or installation kit)													
Mounting plate								9511006000						
Mounting rail TS 15								9820037000						
Mounting rail TS 32								-						
Mounting rail TS 35								-						
Earthing rail								-						
External mounting be	rackets							-						
External articulated h	inges							9801044000						
Internal articulated h	inges w	ith co	over g	guide <sup>;</sup>	K- <del>X</del>			-						
Silicone seal for exter	nded te	mper	ature	range	e (by	the m	etre)	on request						
Maximum possible	numbe	r of t	hread	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 4 2	. 1	1	0	0	0	0								
** Enclosure preparat														



#### 250 x 80 x 57 mm

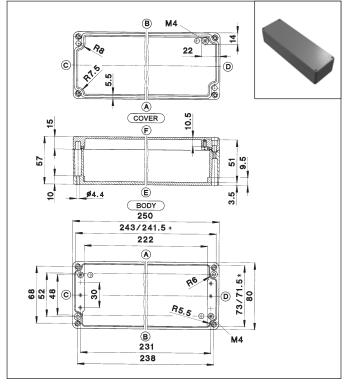
#### CA-190 Aluminium enclosures

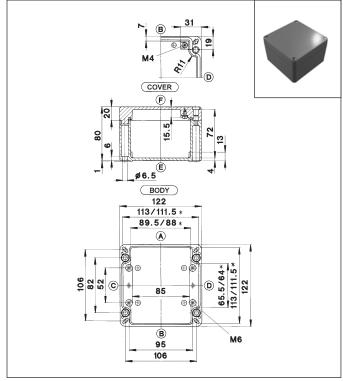
#### CA-210

CAD files available at www.bernstein.eu

CA-210 Aluminium enclosures

122 x 122 x 80 mm





\*\* Enclosure preparation required

Туре										CA-190
Weight (g)										710
External di	mensio	on (m	m)							250 x 80 x 57
Ordering o	<b>lata</b> Er	nclosi	ıre (p	ainte	d) wit	h sea	l (PUF	R)		Part number
with cover	screws		1190000000							
Unwashed,	not pa		1190026000							
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	olate									9823021000
Mounting r	ail TS	15								9820019000
Mounting r	ail TS 3	32								-
Mounting r	ail TS 3	35								_
Earthing ra	il									-
External me	ountin	g bra	ckets							_
External ar	ticulate	ed hir	nges							9801044000
Internal art	iculate	d hin	iges v	vith c	over o	guide	**			-
Silicone sea	al for e	xtenc	led te	mpe	rature	rang	e (by	the me	tre)	on request
Maximum	possil	ole n	umbe	er of t	hrea	ds				
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		

<sup>\*</sup> Smaller dimension at mounting plate support

Turno										CA-210	$\neg$		
Type													
Weight (g)										940			
External dime		<u>`</u>								122 x 122 x 80	_		
Ordering dat	<b>a</b> En	closu	ıre (pa	aintec	l) wit	h seal	(PUF	R)		Part number			
with cover scr	ews									1210000000			
Unwashed, no	ot pai		1210016000										
Accessories (i	indiv	idua	l part	or ins	tallat	tion k	it)				$\neg$		
Mounting plan	te		9511150000										
Mounting rail	TS 1:	5								9820019000			
Mounting rail	TS 3	2								9821000000			
Mounting rail	TS 3:	5								9822001000			
Earthing rail										9810002000			
External mour	nting	brad	kets							9824024000			
External articu	ulate	d hin	ges							9801047000			
Internal articu	lated	l hin	ges w	ith co	ver g	juide <sup>;</sup>	<del>* *</del>			9801031000			
Silicone seal fo	or ex	tend	ed te	mper	ature	range	e (by	the m	etre)	on request			
Maximum po	ssib	le nu	ımbe	r of tl	read	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	2	2	1	0	0	0	0					
** Enclosure preparation required													
zirciosare p	* Enclosure preparation required												

<sup>\*</sup> Smaller dimension at mounting plate support

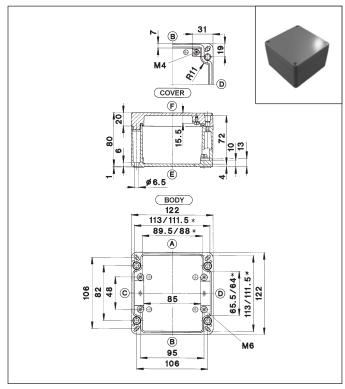
#### 122 x 122 x 90 mm

#### CA-215 Aluminium enclosures

# 

#### 122 x 122 x 80 mm

CA-220 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Type										CA-215
Weight (g)										940
External di	mensio	on (m	m)							122 x 122 x 90
Ordering o	<b>lata</b> Er	nclosu	ıre (p	ainte	d) wit	h sea	l (PUF	()		Part number
with cover	screws	;								1210000050
unwashed,	1210012050									
Accessorie	<b>s</b> (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	olate									9511150000
Mounting r	ail TS	15								-
Mounting r	ail TS 3	32								9821000000
Mounting r	ail TS 3	35								9822001000
Earthing ra	il									9810002000
External me	ountin	g bra	ckets							9824024000
External art	ticulate	ed hir	nges							9801047000
Internal art	iculate	d hin	ges v	vith c	over g	guide	**			9801031000
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request
Maximum	possil	ole nu	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	5	2	2	1	0	0	0	0		
** Enclosur	e prep	aratio	on rec	uirec	l					

<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-220				
Weight (g)										940				
External dim	ensi	on (m	m)							122 x 122 x 80				
Ordering da	ita Ei	nclosi	ıre (p	ainted	d) wit	h sea	I (PUF	?)		Part number				
with cover so	rew	5								1220000000				
unwashed, n	ot pa		1220061000											
Accessories	(indi	vidua	l part	or in	stalla	tion k	it)							
Mounting pl	ate		9511008000											
Mounting ra	il TS	15								-				
Mounting ra	il TS	32								9821000000				
Mounting ra	il TS	35								9822001000				
Earthing rail										9810002000				
External mou	untin	g bra	ckets							9824024000				
External artic	culat	ed hir	nges							9801047000				
Internal artic	ulate	ed hin	ges w	ith co	over o	guide	**			9801031000				
Silicone seal	for e	xtenc	led te	mper	ature	rang	e (by	the m	etre)	on request				
Maximum p	ossi	ble n	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	5													
Side C/D 5 2 2 1 0 0 0 0 ** Enclosure preparation required														



**CAD files available** 

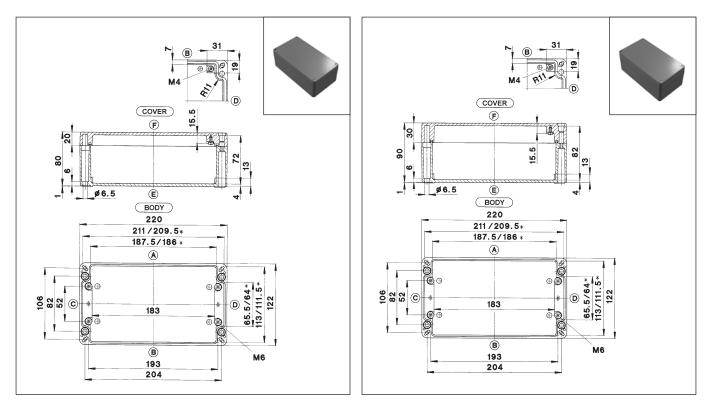
#### 220 x 122 x 80 mm

#### CA-230 Aluminium enclosures

#### 220 x 122 x 90 mm

at www.bernstein.eu

CA-235 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Type										CA-230		
Weight (g)										1410		
External dir	nensi	on (m	m)							220 x 122 x 80		
Ordering of	lata E	nclosu	ıre (p	ainte	d) wit	h sea	I (PUF	()		Part number		
with cover	screws	5								1230000000		
unwashed,	unwashed, not painted, loose accessories											
Accessorie	<b>s</b> (indi	vidua	l part	or in	stalla	tion k	it)					
Mounting p	olate									9511095000		
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							9824024000		
External art	iculat	ed hir	iges							9801047000		
Internal art	iculate	ed hin	ges v	vith c	over g	guide	**			9801031000		
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request		
Maximum	possil	ble nu	ımbe	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	5	2	2	1	0	0	0	0				
** Enclosur	e prep	aratio	n rec	uirec	l							

<sup>\*</sup> Smaller dimension at mounting plate support

Type CA-235 Weight (g) 1410 External dimension (mm) 220 x 122 x 90 Ordering data Enclosure (painted) with seal (PUR) Part number with cover screws 123000050 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											
External dimension (mm)  220 x 122 x 90  Ordering data Enclosure (painted) with seal (PUR)  with cover screws  1230000050  unwashed, not painted, loose accessories  1230012050  Accessories (individual part or installation kit)  Mounting plate  Mounting rail TS 15  Mounting rail TS 32  9821005000											
Ordering data Enclosure (painted) with seal (PUR) with cover screws 1230000050 unwashed, not painted, loose accessories 1230012050  Accessories (individual part or installation kit) Mounting plate Mounting rail TS 15 Mounting rail TS 32 9821005000											
with cover screws unwashed, not painted, loose accessories  1230012050  Accessories (individual part or installation kit)  Mounting plate Mounting rail TS 15  Mounting rail TS 32  9821005000											
unwashed, not painted, loose accessories  1230012050  Accessories (individual part or installation kit)  Mounting plate  Mounting rail TS 15  Mounting rail TS 32  9821005000											
Accessories (individual part or installation kit)  Mounting plate  Mounting rail TS 15  Mounting rail TS 32  9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting plate         9511095000           Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting rail TS 15         -           Mounting rail TS 32         9821005000											
Mounting rail TS 32 <b>9821005000</b>											
3											
Mounting rail TS 35											
Mounting run 13 33											
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											

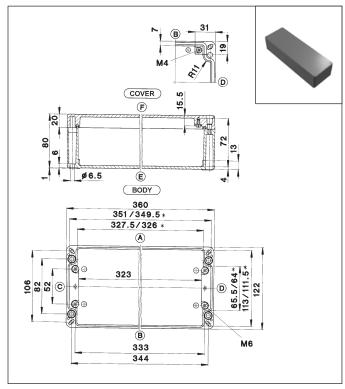
#### 220 x 122 x 80 mm

#### CA-240 Aluminium enclosures

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#### 360 x 122 x 80 mm

CA-250 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-240		
Weight (g)										1410		
External di	mensio	on (m	m)							220 x 122 x 80		
Ordering o	lata Ei	nclosu	ıre (p	ainte	d) wit	h sea	I (PUF	()		Part number		
with cover	screws	5								1240000000		
unwashed,	unwashed, not painted, loose accessories											
Accessorie	<b>s</b> (indi	vidua	l part	or in	stalla	tion k	it)					
Mounting p	olate									9511009000		
Mounting r	ail TS	15								-		
Mounting r	ail TS	32								9821005000		
Mounting r	ail TS	35								9822007000		
Earthing ra	il									9810008000		
External me	ountin	g bra	ckets							9824024000		
External art	ticulat	ed hir	nges							9801047000		
Internal art	iculate	ed hin	ges v	vith c	over o	guide	**			9801031000		
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request		
Maximum	possil	ble nu	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	5	2	2	1	0	0	0	0				
** Enclosur	e nren	aratio	n rec	uirec	1							

<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-250
Weight (g)										1860
External dim	ensic	n (m	m)							360 x 122 x 80
Ordering da	<b>ta</b> Er	ıclosı	ıre (pa	ainted	d) wit	h seal	(PUF	?)		Part number
with cover so	rews									1250000000
unwashed, n	ot pa	inted	l, loos	e acc	essor	ies				1250011000
Accessories	(indi	vidua	l part	or in	stalla	tion k	it)			
Mounting pla			9511174000							
Mounting rai	ITS 1	5								-
Mounting rai	ITS 3	32								9821012000
Mounting rai	ITS 3	35								9822015000
Earthing rail										9810014000
External mou	ıntin	g bra	ckets							9824024000
External artic	ulate	ed hir	iges							9801047000
Internal artic	ulate	d hin	ges w	ith co	over g	guide <sup>†</sup>	K- <del>X</del>			9801031000
Silicone seal	for ex	ktend	led te	mper	ature	rang	e (by	the m	etre)	on request
Maximum p	ossik	ole nu	ımbe	r of t	hread	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										
** Enclosure	prep									



CAD files available at www.bernstein.eu

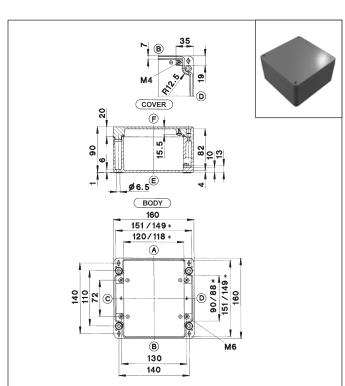
#### 160 x 160 x 90 mm

#### CA-270 Aluminium enclosures

# 

#### 160 x 160 x 90 mm

#### CA-280 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-270			
Weight (g)										1410			
External di	mensio	on (m	m)							160 x 160 x 90			
Ordering of	<b>data</b> Er	nclosi	ıre (p	ainte	d) wit	h sea	l (PUF	R)		Part number			
with cover	screws	;								1270000000			
unwashed,	unwashed, not painted, loose accessories												
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)						
Mounting	olate									9511149000			
Mounting i	rail TS	15								-			
Mounting i	rail TS 3	32								9821002000			
Mounting i	rail TS 3	35								9822003000			
Earthing ra	il									9810004000			
External m	ountin	g bra	ckets							9824024000			
External ar	ticulate	ed hir	nges							9801047000			
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			9801030000			
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request			
Maximum	possil	ole ni	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	4	3	2	2	0	0	0					

<sup>\*</sup> Smaller dimension at mounting plate support

Tumo	CA-280												
Type	C/1 200												
Weight (g)	1410												
External dimension (mm)	160 x 160 x 90												
Ordering data Enclosure (painted) with seal (PUR)	Part number												
with cover screws	1280000000												
unwashed, not painted, loose accessories	1280033000												
Accessories (individual part or installation kit)													
Mounting plate	9511011000												
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													

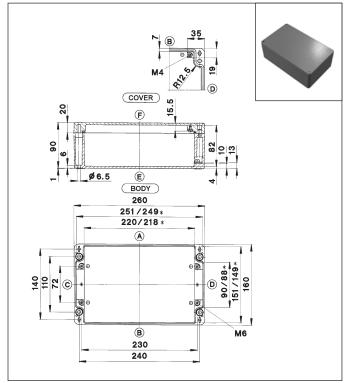
#### 260 x 160 x 90 mm

#### CA-290 Aluminium enclosures

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#### 260 x 160 x 90 mm

CA-300 Aluminium enclosures



<sup>\*</sup> 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	lata E	nclosi	ıre (p	ainte	d) wit	h sea	l (PUF	()		Part number		
with cover	screws	5								1290000000		
unwashed,	unwashed, not painted, loose accessories											
Accessorie	<b>s</b> (indi	vidua	ıl part	or in	stalla	tion k	it)					
Mounting p	olate									9511096000		
Mounting r	ail TS	15								_		
Mounting r	ail TS	32								9821008000		
Mounting r	ail TS	35								9822011000		
Earthing ra	il									9810010000		
External me	ountin	g bra	ckets							9824024000		
External ar	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 n	netre)	on request		
Maximum	possi	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	8	4	3	2	2	0	0	0				
** Enclosur	e nren	aratio	n rec	uirec	1							

<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-300				
Weight (g)										1960				
External dime	ensio	n (mı	m)							260 x 160 x 90				
Ordering da	<b>ta</b> En	closu	ıre (pa	inted	l) wit	h seal	(PUF	?)		Part number				
with cover sc	rews									130000000				
unwashed, no	ot pa	inted	, loos	e acc	essor	ies				1300041000				
Accessories	(indiv	/idua	l part	or ins	talla	tion k	it)							
Mounting pla			9511012000											
Mounting rai	ITS 1	5								-				
Mounting rai	ITS 3	2								9821008000				
Mounting rai	ITS 3	5								9822011000				
Earthing rail										9810010000				
External mou	ınting	g bra	ckets							9824024000				
External artic	ulate	d hin	iges							9801047000				
Internal artic	ulate	d hin	ges w	ith co	over <u>c</u>	guide <sup>3</sup>	<del>**</del>			9801030000				
Silicone seal f	for ex	tend	ed te	mper	ature	range	e (by	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	36	17	12	7	4	3	3	0						
Side C/D	8													
** Enclosure														



#### 360 x 160 x 90 mm

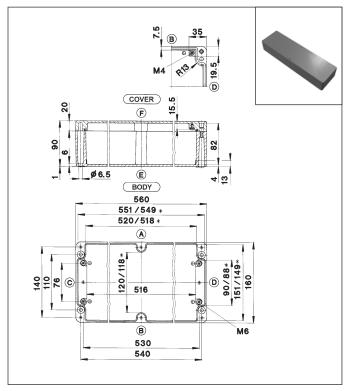
#### CA-310 Aluminium enclosures

# 

#### 560 x 160 x 90 mm

#### CA-330 Aluminium enclosures

CAD files available at www.bernstein.eu



<sup>\*</sup> 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	Part number									
with cover	1310000000									
unwashed,	1310071000									
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting <sub>I</sub>	olate									9511175000
Mounting I	rail TS	15								-
Mounting I	rail TS :	32								9821012000
Mounting I	rail TS :	35								9822015000
Earthing ra	il									9810042000
External m	ountin	g bra	ckets							9824024000
External ar	ticulat	ed hir	nges							9801047000
Internal art	iculate	ed hin	ges v	vith c	over o	guide	**			9801030000
Silicone sea	al for e	xtenc	led te	mper	ature	rang	e (by	the n	netre)	on request
Maximum	possi	ble n	umbe	r of t	hrea	ds				
ISO M	12	16	20	25	32	40	50	63		
Side A/B	54	26	18	11	6	5	4	0		
Side C/D										
JIGC C/D										

<sup>\*</sup> Smaller dimension at mounting plate support

Type CA	
••	l-330
Weight (g) 43	10
External dimension (mm) 56	0 x 160 x 90
Ordering data Enclosure (painted) with seal (PUR)	rt number
with cover screws 13	30000000
unwashed, not painted, loose accessories 13	30022000
Accessories (individual part or installation kit)	
Mounting plate 95	11014000
Mounting rail TS 15 –	
Mounting rail TS 32 98	21015000
Mounting rail TS 35 98	22018000
Earthing rail 98	10016000
External mounting brackets 98	24024000
External articulated hinges 98	01047000
Internal articulated hinges with cover guide** 98	01030000
Silicone seal for extended temperature range (by the metre) <b>on</b>	request
, i i	
Maximum possible number of threads	
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	

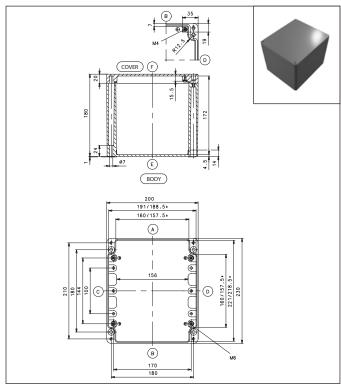
#### 200 x 230 x 110 mm

#### CA-350 Aluminium enclosures

# BODY BODY

#### 200 x 230 x 180 mm

CA-360 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Туре									CA-350			
Weight (g)									2730			
External dimens	ion (m	m)							200 x 230 x 110			
Ordering data	Part number											
with cover screv	1350000000											
unwashed, not p	1350017000											
	. ,											
Accessories (inc	dividua	l part	or in	stalla	tion k	it)						
Mounting plate									9511015000			
Mounting rail TS									-			
Mounting rail TS	32								9821003000			
3												
Mounting rail TS	35								9822005000			
Mounting rail TS Earthing rail												
Mounting rail TS Earthing rail		ckets							9822005000			
Mounting rail TS Earthing rail	ng bra								9822005000 9810007000			
Mounting rail TS Earthing rail External mounti	ng bra ted hir	nges	/ith co	over g	guide <sup>.</sup>	**			9822005000 9810007000 9824023000			
Mounting rail TS Earthing rail External mounti External articula	ng bra ted hir ted hin	nges Iges v					the m	etre)	9822005000 9810007000 9824023000 9801047000			
Mounting rail TS Earthing rail External mounti External articula Internal articula	ng bra ted hir ted hin	nges Iges v					the m	etre)	9822005000 9810007000 9824023000 9801047000 9801030000			
Mounting rail TS Earthing rail External mounti External articula Internal articula Silicone seal for	ng bra ted hir ted hin extenc	nges iges v led te	mper	ature	rang		the m	etre)	9822005000 9810007000 9824023000 9801047000 9801030000			
Mounting rail TS Earthing rail External mounti External articula Internal articula Silicone seal for	ng bra ted hin ted hin extenc	nges iges v led te	mper	ature	rang	e (by		etre)	9822005000 9810007000 9824023000 9801047000 9801030000			
Mounting rail TS Earthing rail External mounti External articula Internal articula Silicone seal for  Maximum poss ISO M 12	ng bra ted hir ted hin extenc ible no	nges nges w led te umbe 20	mper er of t	hread	rang ds 40	e (by	63	etre)	9822005000 9810007000 9824023000 9801047000 9801030000			
Mounting rail TS Earthing rail External mounti External articula Internal articula Silicone seal for	ng bra ted hin ted hin extend ible no 16	nges nges w led te umbe 20	mper er of t	ature	rang	50 2		etre)	9822005000 9810007000 9824023000 9801047000 9801030000			

<sup>\*</sup> Smaller dimension at mounting plate support

<b>T</b>	CA 260
Туре	CA-360
Weight (g)	3680
External dimension (mm)	200 x 230 x 180
Ordering data Enclosure (painted) with seal (PUR)	Part number
with cover screws	1360000000
unwashed, not painted, loose accessories	1360043000
Accessories (individual part or installation kit)	
Mounting plate	9511015000
Mounting rail TS 15	-
Mounting rail TS 32	9821003000
Mounting rail TS 35	9822005000
Earthing rail	9810007000
External mounting brackets	9824023000
External articulated hinges	9801047000
Internal articulated hinges with cover guide**	9801030000
Silicone seal for extended temperature range (by the metre	e) on request
Maximum possible number of threads	
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	



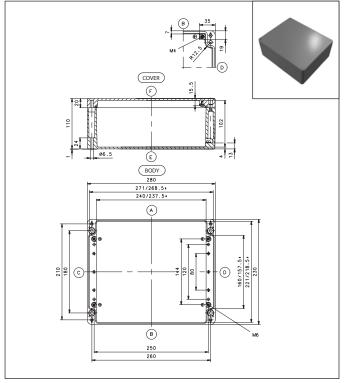
#### 280 x 230 x 110 mm

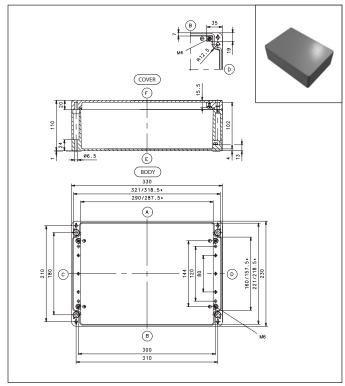
#### CA-370 Aluminium enclosures

330 x 230 x 110 mm

CAD files available at www.bernstein.eu

#### CA-380 Aluminium enclosures





\*\* Enclosure preparation required

Туре										CA-370			
Weight (g)										3840			
External di	xternal dimension (mm)												
Ordering o	Ordering data Enclosure (painted) with seal (PUR)												
with cover	vith cover screws												
unwashed,	nwashed, not painted, loose accessories												
Accessorie	s (indi	ividua	al part	or in	stalla	tion k	it)						
Mounting p	olate									9511016000			
Mounting r	rail TS	15								-			
Mounting r	rail TS	32								9821009000			
Mounting r	rail TS	35								9822012000			
Earthing ra	il									9810011000			
External me	ountin	ıg bra	ckets							9824023000			
External art	ticulat	ed hii	nges							9801047000			
Internal art	iculate	ed hir	iges v	vith c	over g	guide	**			9801030000			
Silicone sea	al for e	xtend	ded te	mper	ature	rang	e (by	the met	re)	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	26	12	8	5	3	2	2	1					

<sup>\*</sup> Smaller dimension at mounting plate support

							_			
Туре										CA-380
Weight (g)										4270
External dim	ensio	n (mr	n)							330 x 230 x 110
Ordering da	<b>ta</b> En		Part number							
with cover so	rews		1380000000							
unwashed, n	ot pa		1380014000							
Accessories	(indiv	/idua	part	or ins	talla	tion k	it)			
Mounting pla	ate									9511017000
Mounting rai	il TS 1	5								-
Mounting rai	il TS 3	2								9821011000
Mounting rai	il TS 3	5								9822014000
Earthing rail										9810013000
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	guide <sup>3</sup>	<del>K X</del>			9801030000
Silicone seal	for ex	tend	ed tei	mpera	ature	range	e (by	the me	etre)	on request
Maximum p	ossib	le nu	mbe	r of tl	rea	ds				
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									
** Enclosure preparation required										

<sup>\*</sup> Smaller dimension at mounting plate support

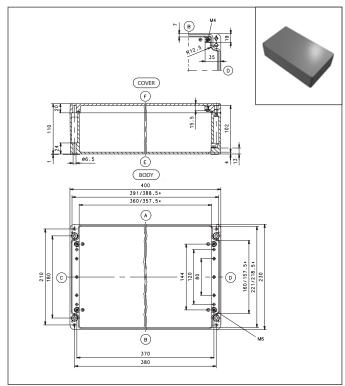
#### 330 x 230 x 180 mm

#### CA-390 Aluminium enclosures

# B 355 (COVER 60DY 330 3310 321/318.5\* 290/287.5\* (A) (B) (COVER 60DY 330 (COVER 60D

#### 400 x 230 x 110 mm

CA-400 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Type										CA-390			
Weight (g)										5300			
External di	external dimension (mm)  Ordering data Enclosure (painted) with seal (PUR)												
Ordering	Part number												
with cover	1390000000												
unwashed	1390012000												
Accessori	<b>es</b> (indi	vidua	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	ountin	g bra	ckets							9824023000			
External ar	rticulat	ed hir	nges							9801047000			
Internal ar	ticulate	ed hin	iges v	vith c	over g	guide	**			9801030000			
Silicone se	al for e	xtenc	led te	mper	ature	rang	e (by	the n	netre)	on request			
Maximum	possi	ble n	umbe	r of t	hrea	ds							
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					
** Enclosu	re prep	aratio	on rec	uirec	1								

<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-400		
Weight (g)										4870		
External dime	ensio	n (mı	n)							400 x 230 x 110		
Ordering da	Ordering data Enclosure (painted) with seal (PUR)											
with cover sc		1400000000										
unwashed, n	ot pa		1400013000									
Accessories	(indiv	/idua	l part	or ins	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 brad	kets							9824023000		
External artic	ulate	d hin	ges							9801047000		
Internal artic	ulate	d hin	ges w	ith co	over g	guide <sup>;</sup>	<del>* *</del>			9801030000		
Silicone seal	for ex	tend	ed te	mper	ature	range	e (by	the m	etre)	on request		
Maximum p	ossib	le nu	ımbe	r of t	hread	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											
** Enclosure	prepa	aratio	n req	uired								



#### 600 x 230 x 110 mm

#### CA-420 Aluminium enclosures

#### 

210 180 144 100

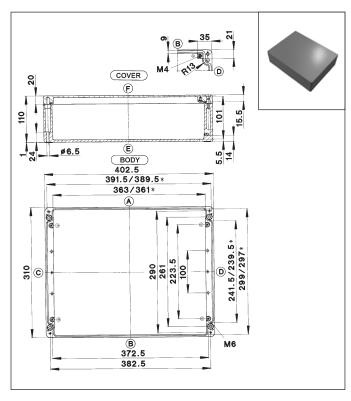
М6

556

#### 402,5 x 310 x 110 mm

#### CA-450 Aluminium enclosures

CAD files available at www.bernstein.eu



230

Туре							CA-420						
Weight (g)							6380						
External dimens	ion (mm)						600 x 230 x						
Ordering data	Ordering data Enclosure (painted) with seal (PUR)												
with cover screw	142000000												
Unwashed, not p	142001100												
Accessories (inc	lividual p	art or in	stalla	tion k	it)								
Mounting plate							951101900						
Mounting rail TS							-						
Mounting rail TS							982101600						
Mounting rail TS	35						982201900						
Earthing rail							981001700						
	ng bracke	ets					982402300						
External mounti	External articulated hinges												
	ted hinge	es					980104700						
External mounti External articula Internal articula	,		over o	guide	<del>* *</del>		980104700 980103000						
External articula	ted hinge	s with c		_		the met	980103000						
External articula Internal articulat	ted hinge	s with c		_		the met	980103000						
External articula Internal articular Silicone seal for	ted hinge extended	s with co	ature	rang		the met	980103000						
External articular Internal articular Silicone seal for Maximum poss	ted hinge extended	s with co	hread	rang	e (by		980103000						
External articular Internal articular Silicone seal for Maximum poss ISO M 12	ted hinge extended ible num	s with control temper	hread 32	ds 40	50	63	980103000						
External articular Internal articular Silicone seal for Maximum poss	ible num	s with co	hread	rang	50 8		980103000						

<sup>\*</sup> Smaller dimension at mounting plate support

Туре	CA-450
Weight (g)	5810
External dimension (mm)	402,5 x 310 x 110
Ordering data Enclosure (painted) with seal (PUR)	Part number
with cover screws	1450000000
Unwashed, not painted, loose accessories	1450025000
Accessories (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
Maximum possible number of threads	
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	

<sup>\*</sup> Smaller dimension at mounting plate support

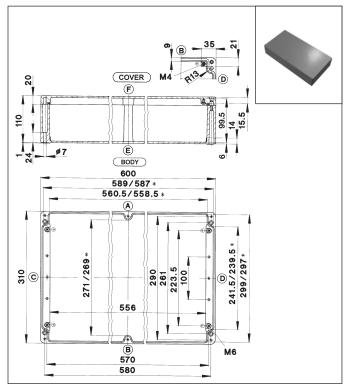
#### 402,5 x 310 x 180 mm

#### CA-460 Aluminium enclosures

# 

#### 600 x 310 x 110 mm

CA-470 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Type										CA-460		
Weight (g)										7420		
External di	imensi	on (m	m)							402,5 x 310 x 180		
Ordering	Part number											
with cover	1460000000											
unwashed	1460049000											
	, , , , , , , , , , , , , , , , , , , ,											
Accessori	<b>es</b> (indi	vidua	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	g bra	ckets							9824023000		
External ar	rticulat	ed hir	nges							9801047000		
Internal ar	ticulate	ed hin	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	possil	ble nı	umbe	er of t	hrea	ds						
ISO M	12	16	20	25	32	40	50	63				
	136	68	50		21	12	10	8				
Side C/D	74	38	28	18	12	8	6	3				
** Enclosu	re prep	aratio	on rec	quirec	l							

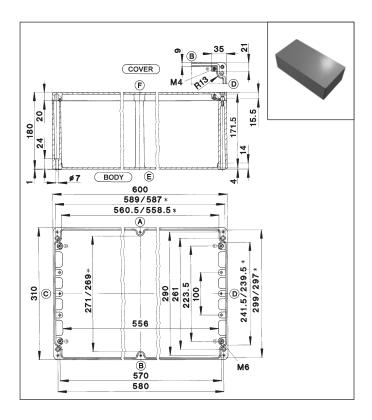
<sup>\*</sup> Smaller dimension at mounting plate support

Туре									CA-470				
Weight (g)									8480				
External dimer	ision (m	m)							600 x 310 x 110				
Ordering data	Ordering data Enclosure (painted) with seal (PUR)												
with cover scre	147000000												
unwashed, not	1470062000												
Accessories (in		al part	or in	stalla	tion k	it)							
Mounting plate									9511021000				
Mounting rail 1									-				
Mounting rail 1									9821016000				
Mounting rail 1	S 35								9822019000				
Earthing rail									9810017000				
External moun									9824023000				
External articu									9801047000				
Internal articul		_			_				9801030000				
Silicone seal fo	r extend	ded te	mper	ature	rang	e (by	the me	etre)	on request				
Maximum pos		umbe 20	25 25	hrea 32	<b>ds</b> 40	50	63						
ISO M 1													
Side A/B 12													
Side C/D 3													
** Enclosure pr	eparati	on rec	quirec	1									



#### 600 x 310 x 180 mm

CA-480 Aluminium enclosures



<sup>\*</sup> Smaller dimension at mounting plate support

Туре										CA-480	
Weight (g)										10840	
External dimension (mm)										600 x 310 x 180	)
Ordering data Enclosure (painted) with seal (PUR)										Part number	
with cover screws										1480000000	
unwashed, not painted, loose accessories										1480017000	
Accessories (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	
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											

CAD files available at www.bernstein.eu