Aluminium Enclosures - Series CA

Altech Corp.

by **BERNSTEIN**

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

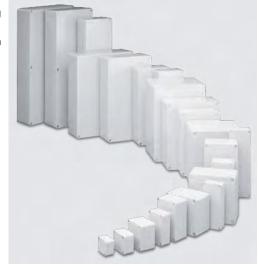
Seal

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 L	ensi x	ons/m B	m x	н	Article number	Туре	
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	1250000000	CA-250	
160	Х	160	Х	90	127000000	CA-270	
160	Х	160	Х	90	1280000000	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
- The standard coating is salt spray resistant in accordance with IEC 60068-2-52, severity level 1.
 A chromalized surface finish is additionally available on request.

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

-30°C to +80°C (Neoprene seal)

Alternatively:

-60 °C to +130°C (silicone seal) or rather -35°C to +100°C (EPDM seal)

Protection class

IP 66 IP 67 on request

Approbations

Germanischer Lloyd UL ATEX Label on demand



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

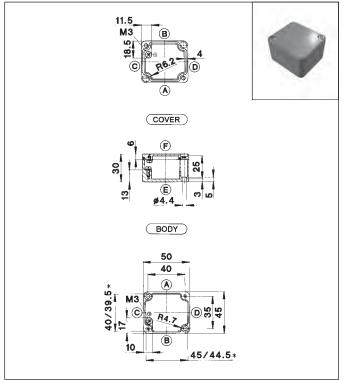
plastic cable glands (polyamide PAGV-2, RAL 7001) or brass cable glands. Sealing element CR/NBR. Temperature range: -20°C to ± 100 °C. Other cable glands on demand.





50 x 45 x 30 mm

CA-020 Aluminium enclosures

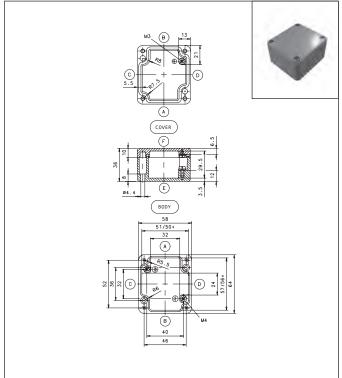


* Smaller dimension at mounting plate support

Туре			CA-020
Weight (g)			70
External dimension (mm)			50 x 45 x 30
Ordering data Enclosure (painted) with se	al (CR)		Part number
with cover screws			102000000
unwashed, not painted, loose accessories			1020034000
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	e**		-
Silicone seal for extended temperature range	ge (by	the metre) –
Maximum possible number of threads			
ISO M 12 16 20 25 32 40	50	63	
Side A/B 1 0 0 0 0 0	0	0	
Side C/D 1 0 0 0 0 0	0	0	
** Enclosure preparation required			

58 x 64 x 36 mm

CA-060 Aluminium enclosures

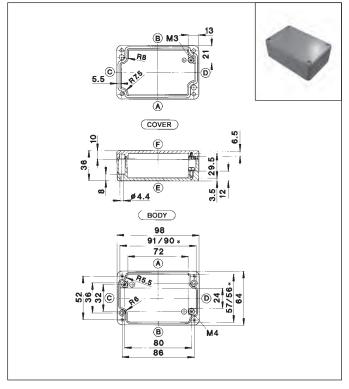


Туре										CA-060			
Weight (g)										160			
External di	mensio	on (m	m)							58 x 64 x 36			
Ordering o	Ordering data Enclosure (painted) with seal (CR)												
with cover	with cover screws												
unwashed,	1060038000												
Accessorie		vidua	l part	or in	stalla	tion k	it)						
Mounting										9511001000			
Mounting										9820000000			
Mounting										-			
Mounting i		35								-			
Earthing ra										-			
External m		_								-			
External ar			_							-			
Internal art	iculate	ed hin	iges v	vith c	over (guide	**			-			
Silicone sea	al for e	xtenc	led te	mper	ature	rang	e (by	the r	netre	e) 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	2	1	0	0	0	0	0	0					
Side C/D	1	0	0	0	0	0	0	0					
** Enclosur	e prep	aratio	on rec	uirec	1								



98 x 64 x 36 mm

CA-080 Aluminium enclosures



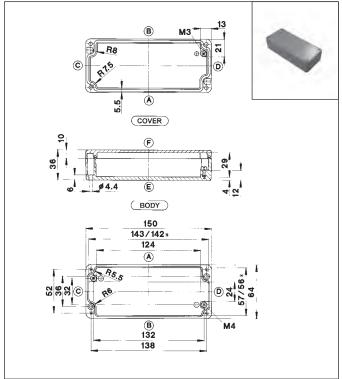
* Smaller dimension at mounting plate support

** Enclosure preparation required

Туре										CA-080		
Weight (g)										220		
External di	mensic	n (m	m)							98 x 64 x 36		
Ordering o	data Er	nclosi	ure (p	ainte	d) wit	th sea	I (CR)			Part number		
with cover	screws	;								1080000000		
unwashed,	inwashed, not painted, loose accessories											
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)					
Mounting _I	plate									9511002000		
Mounting I	rail TS 1	15								9820005000		
Mounting I	rail TS 3	32								-		
Mounting I	rail TS 3	35								-		
Earthing ra	il									-		
External m	ountin	g bra	ckets							-		
External ar	ticulate	ed hir	nges							-		
Internal art	iculate	d hin	iges v	vith c	over	guide	**			-		
Silicone sea	al for ex	xtenc	ded te	mpe	rature	rang	e (by	the m	etre)	on request		
Maximum	possik	ole ni	umbe	er 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				

150 x 64 x 36 mm

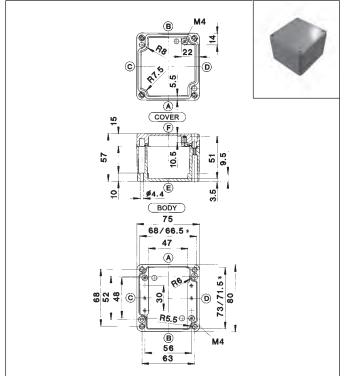
CA-100 Aluminium enclosures



Туре										CA-100
Weight (g)										330
External dir	nensi	on (m	m)							150 x 64 x 36
Ordering d	l ata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	5								1100000000
unwashed,	1100053000									
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	olate									9511003000
Mounting r	ail TS	15								9820011000
Mounting r	ail TS :	32								-
Mounting r	ail TS :	35								-
Earthing rai	il									-
External mo	ountin	g bra	ckets							-
External art	iculat	ed hir	nges							-
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			_
Silicone sea	l for e	xtend	led te	mper	ature	rang	e (by	the n	netre)	on request
Maximum	possi	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		
** Enclosur	e prep	aratio	n rec	uirec	ł					

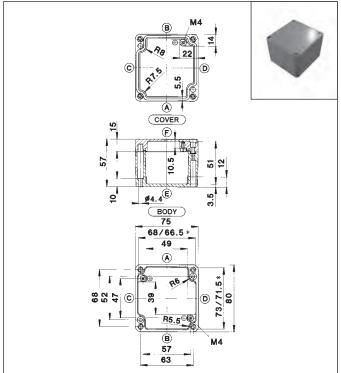


CA-130 Aluminium enclosures



75 x 80 x 57 mm

CA-140 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

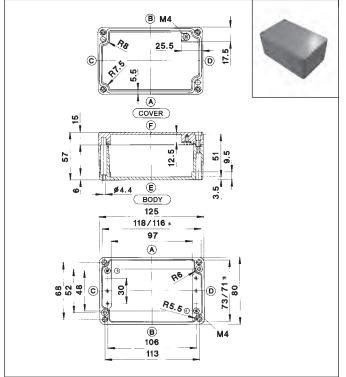
Туре										CA-130
Weight (g)										280
External dim	ensic	n (m	m)							75 x 80 x 57
Ordering da	ata Er	ıclosı	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover so	crews									1130000000
unwashed, n	ot pa	inted	, loos	se acc	essor	ies				1130057000
Accessories	•	vidua	l part	or in	stalla	tion k	it)			
Mounting pl										9823015000
Mounting ra										9820002000
Mounting ra										-
Mounting ra	il TS 3	35								-
Earthing rail										-
External mo	untin	g bra	ckets							-
External artic	culate	ed hir	iges							9801044000
Internal artic	ulate	d hin	ges v	vith c	over o	guide	**			-
Silicone seal	for ex	xtend	ed te	mper	ature	rang	e (by	the m	etre)	on request
Maximum p	ossik	ole nu	ımbe	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	prep	aratic	n rec	quirec	l					

^{*} Smaller dimension at mounting plate support

Туре										CA-140			
Weight (g)										280			
External dir	nensi	on (mi	m)							75 x 80 x 57			
Ordering d	l ata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number			
with cover s	screws	5								1140000000			
unwashed,	nwashed, not painted, loose accessories												
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)						
Mounting p	olate									9511004000			
Mounting r	ail TS	15								9820035000			
Mounting r	ail TS :	32								-			
Mounting r	ail TS :	35								_			
Earthing rai	il									_			
External mo	ountin	g bra	ckets							_			
External art	iculat	ed hir	iges							9801044000			
Internal arti	iculate	d hin	ges v	vith c	over o	guide	**			_			
			_			_		the n	netre)	on request			
Silicone sea									,				
Silicone sea													
Silicone sea													
	possi	ole nu	ımbe	r of t	hrea	ds							
Silicone sea Maximum ISO M	possil		ımbe	er of t			50	63					
Maximum	12	16	20		hrea (32	ds 40	50	63					
Maximum ISO M	12	16 2	20 1	25	32	40							



CA-150 Aluminium enclosures



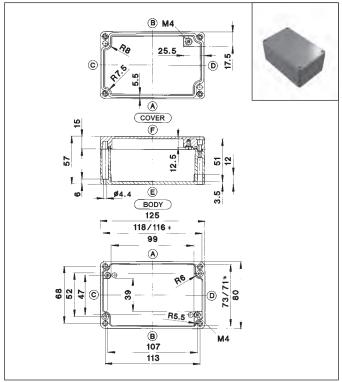
* Smaller dimension at mounting plate support

** Enclosure preparation required

44 * 1 * 4 \$	CA-150
Weight (g)	435
External dimension (mm)	125 x 80 x 57
Ordering data Enclosure (painted) with seal (CR)	Part number
with cover screws	1150000000
unwashed, not painted, loose accessories	1150019000
Accessories (individual part or installation kit)	
Mounting plate	9823016000
Mounting rail TS 15	9820010000
Mounting rail TS 32	-
Mounting rail TS 35	-
Earthing rail	-
External mounting brackets	-
External articulated hinges	9801044000
nternal articulated hinges with cover guide**	-
	an vanuart
Silicone seal for extended temperature range (by the metre)	on request
Silicone seal for extended temperature range (by the metre)	on request
Silicone seal for extended temperature range (by the metre)	on request
Silicone seal for extended temperature range (by the metre) Maximum possible number of threads	on request
	on request
Maximum possible number of threads	on request

125 x 80 x 57 mm

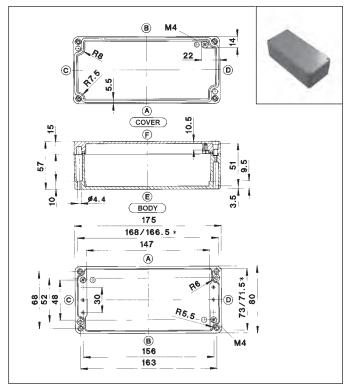
CA-160 Aluminium enclosures



Туре										CA-160			
Weight (g)										435			
External dir	mensio	on (m	m)							125 x 80 x 57			
Ordering d	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number			
with cover	screws	5								1160000000			
unwashed,	inwashed, not painted, loose accessories												
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)						
Mounting p	olate									9511005000			
Mounting r	ail TS	15								9820036000			
Mounting r	ail TS :	32								-			
Mounting r	ail TS	35								_			
Earthing ra	il									-			
External mo	ountin	g bra	ckets							-			
External art	ticulat	ed hir	iges							9801044000			
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			-			
Silicone sea	al for e	xtend	ed te	mper	ature	rang	e (by	the r	netre)	on request			
Maximum	possi	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					
** Enclosur	e prep	aratio	n rec	uirec	ł								



CA-170 Aluminium enclosures

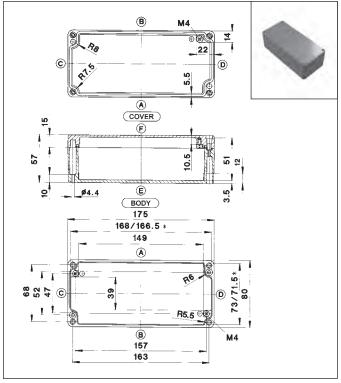


^{*} Smaller dimension at mounting plate support

Туре										CA-170
Weight (g)										530
External dir	mensio	n (m	m)							175 x 80 x 57
Ordering d	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	5								1170000000
unwashed,	not pa	inted	l, loos	se acc	essor	ies				1170016000
Accessorie		vidua	l part	or in	stalla	tion k	it)			
Mounting p										9823017000
Mounting r										9820014000
Mounting r										-
Mounting r		35								-
Earthing rai										-
External mo	ountin	g bra	ckets							-
External art			_							9801044000
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			-
Silicone sea	al for e	xtend	led te	mpei	rature	rang	e (by	the m	etre)	on request
Maximum	possil					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	e prep	aratio	n rec	quirec	ł					

175 x 80 x 57 mm

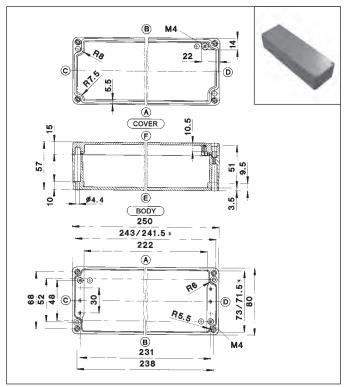
CA-180 Aluminium enclosures



Туре										CA-180
Weight (g)										530
External din	nensio	n (m	m)							175 x 80 x 57
Ordering d	ata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover s	crews									1180000000
unwashed, r	not pa	inted	l, loos	e acc	essor	ies				1180040000
Accessories		vidua	l part	or in	stalla	tion k	it)			
Mounting p										9511006000
Mounting ra										9820037000
Mounting ra										-
Mounting ra		35								-
Earthing rail										-
External mo	untin	g bra	ckets							-
External arti	culate	ed hir	nges							9801044000
Internal arti	culate	d hin	ges v	vith c	over o	guide	**			-
Silicone seal	for e	xtend	led te	mper	ature	rang	e (by	the m	etre)	on request
Maximum p	oossil	ole nu	ımbe	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	4	2	1	1	0	0	0	0		
** Enclosure	prep	aratio	n rec	quirec	ł					



CA-190 Aluminium enclosures

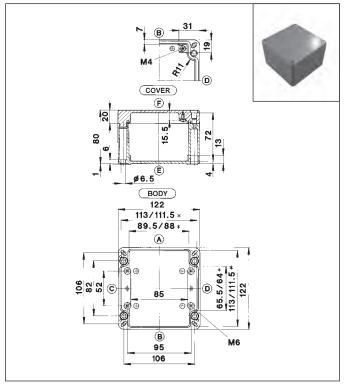


^{*} Smaller dimension at mounting plate support

Туре										CA-190			
Weight (g)										710			
External di	mensio	n (m	m)							250 x 80 x 57			
Ordering of	data Er	nclosu	ıre (p	ainte	d) wit	h sea	(CR)			Part number			
with cover	with cover screws												
Unwashed	Unwashed, not painted, loose accessories												
Accessorie		vidua	l part	or in	stalla	tion k	it)						
Mounting										9823021000			
Mounting										9820019000			
Mounting										-			
Mounting		35								-			
Earthing ra										-			
External m		_								-			
External ar			_							9801044000			
Internal art			_			•				-			
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the me	etre)	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	22	9	7	5	0	0	0	0					
Side C/D	3	2	1	0	0	0	0	0					
** Enclosu	re prep	aratio	n rec	quirec	l								

122 x 122 x 80 mm

CA-210 Aluminium enclosures



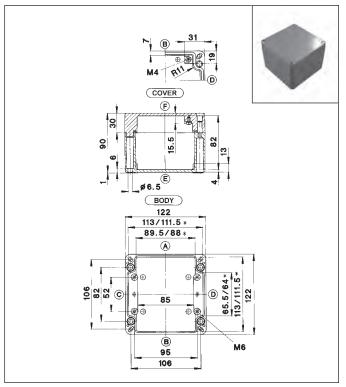
^{*} Smaller dimension at mounting plate support

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



122 x 122 x 90 mm

CA-215 Aluminium enclosures

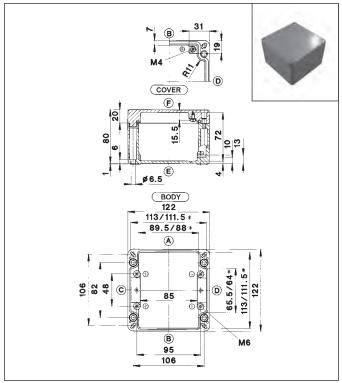


^{*} Smaller dimension at mounting plate support

Туре										CA-215	
Weight (g)										940	
External dir	nensio	on (m	m)							122 x 122 x 90	
Ordering d	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number	
with cover s	screws	5								1210000050	
unwashed,	not pa	intec	, loos	e acc	essor	ies				1210012050	
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)				
Mounting p	olate									9511150000	
Mounting r	ail TS 1	15								-	
Mounting r	ail TS 3	32								9821000000	
Mounting r	ail TS 3	35								9822001000	
Earthing rai	il									9810002000	
External mo	ountin	g bra	ckets							9824024000	
External art	iculat	ed hir	iges							9801047000	
Internal arti	iculate	ed hin	ges v	vith c	over o	guide	**			9801031000	
Silicone sea	l for e	xtend	ed te	mpei	rature	rang	e (by	the m	etre)	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	12	6	4	2	2	0	0	0			
Side C/D	5	2	2	1	0	0	0	0			
** Enclosure	e prep	aratio	n rec	uirec	d						

122 x 122 x 80 mm

CA-220 Aluminium enclosures



* Smaller dimension at mounting plate support

Туре									CA-220
Weight (g)									940
External dir	mensic	n (m	m)						122 x 122 x 8
Ordering d	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)		Part number
with cover	screws								1220000000
unwashed,	not pa	inted	l, loos	e acc	essor	ies			1220061000
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)		
Mounting p	olate								9511008000
Mounting r	ail TS 1	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	iculate	ed hir	nges						9801047000
Internal art	iculate	d hin	ges v	vith c	over o	guide	**		9801031000
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the m	etre) on request
							• •		•
Maximum	possik	ole nu	ımbe	r of t	hrea	ds			
ISO M	12	16	20	25	32	40	50	63	
	12	6	4	2	2	0	0	0	
Side A/B	12								
Side A/B Side C/D	5	2	2	1	0	0	0	0	



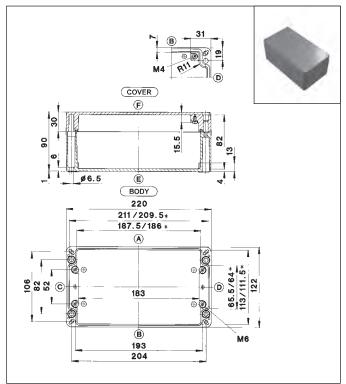
220 x 122 x 80 mm

CA-230 Aluminium enclosures

(COVER) \bigcirc _ø6.5 Ė (BODY) 220 211 / 209. 5* 187.5/186 * **(A) 20**0 © 52 82 183 (B) М6 193 204

220 x 122 x 90 mm

CA-235 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-230
Weight (g)										1410
External di	mensi	on (m	m)							220 x 122 x 80
Ordering o	lata E	nclosu	ıre (p	ainte	d) wit	:h sea	I (CR)			Part number
with cover	screw	S								123000000
unwashed,	not pa	ainted	l, loos	e acc	essor	ies				1230015000
Accessorie	s (indi	ividua	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 me	ountin	ig bra	ckets							9824024000
External ar	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	mpei	rature	rang	e (by	the m	etre)	on request
Maximum	possi	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	ł					

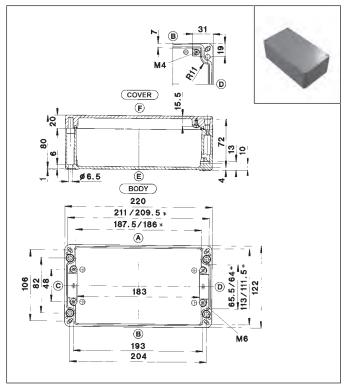
^{*} Smaller dimension at mounting plate support

Туре										CA-235
Weight (g)										1410
External di	mensio	on (m	m)							220 x 122 x 90
Ordering o	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	5								1230000050
unwashed,	not pa	aintec	l, loos	se acc	essor	ies				1230012050
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting	olate									9511095000
Mounting i	ail TS	15								-
Mounting i	ail TS	32								9821005000
Mounting i	ail TS :	35								9822007000
Earthing ra	il									9810008000
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	**			9801031000
Silicone sea	al for e	xtend	led te	mper	ature	rang	e (by	the	metre)	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	5	2	2	1	0	0	0	0		
** Enclosur	e nren	aratio	n rec	nnirec	1					



220 x 122 x 80 mm

CA-240 Aluminium enclosures

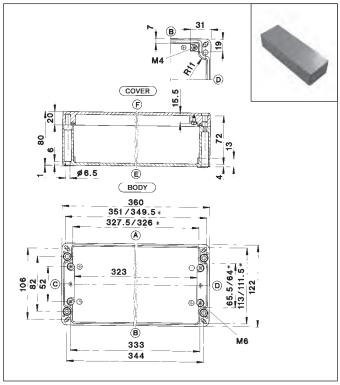


^{*} Smaller dimension at mounting plate support

T										CA 240
Туре										CA-240
Weight (g)										1410
External dir		<u> </u>								220 x 122 x 80
Ordering d	lata E	nclosu	ıre (p	ainte	d) wit	:h sea	I (CR)			Part number
with cover	screw	S								1240000000
unwashed,	not pa	ainted	l, loos	se acc	essor	ies				1240082000
Accessorie	s (ind	ividua	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 mo	ountin	ig bra	ckets							9820024000
External art	iculat	ed hir	nges							9801047000
Internal art	iculate	ed hin	ges v	vith c	over (guide	**			9801031000
Silicone sea	l for e	xtend	led te	mpei	rature	rang	e (by	the m	etre)	on request
Maximum	possi	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	on rec	uirec	ł					

360 x 122 x 80 mm

CA-250 Aluminium enclosures



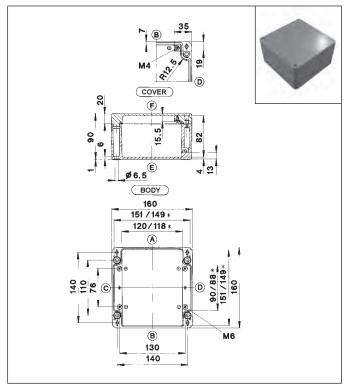
^{*} Smaller dimension at mounting plate support

Maximum possible number of threads Side A/B											
Accessories (individual part or installation kit) Accessories 1250011000	Туре										CA-250
Accessories (individual part or installation kit) 9511174000 Mounting palate 9511174000 Mounting rail TS 15 - Mounting rail TS 32 9821012000 Mounting rail TS 35 9822015000 Earthing rail 9810014000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0	Weight (g)										1860
### ### ##############################	External dimer	rsio	n (mı	m)							360 x 122 x 80
Accessories (individual part or installation kit) Mounting plate 9511174000 Mounting rail TS 15 - Mounting rail TS 32 9821012000 Mounting rail TS 35 9822015000 Earthing rail 9810014000 External mounting brackets 9824024000 External articulated hinges 9801047000 Internal articulated hinges 9801047000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	Ordering data	a En	closu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
Accessories (individual part or installation kit) Mounting plate 9511174000 Mounting rail TS 15 Mounting rail TS 32 9821012000 Mounting rail TS 35 9822015000 Earthing rail 9810014000 External mounting brackets 9824024000 External articulated hinges 9801047000 Internal articulated hinges 9801047000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	with cover scre	ews									1250000000
Mounting plate	unwashed, not	t pai	inted	l, loos	e acc	essor	ies				1250011000
Mounting plate											
Mounting plate											
Mounting plate											
Mounting plate											
Mounting plate											
Mounting plate											
Mounting rail TS 15 - 9821012000 Mounting rail TS 32 9822015000 Earthing rail 9810014000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	Accessories (in	ndiv	/idua	l part	or in	stalla	tion k	it)			
Mounting rail TS 32 9821012000 Mounting rail TS 35 9822015000 Earthing rail 9810014000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	Mounting plat	e									9511174000
Mounting rail TS 35 9822015000 Earthing rail 9810014000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	Mounting rail	TS 1	5								-
Earthing rail 9810014000 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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	Mounting rail	TS 3	2								9821012000
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 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0 0	Mounting rail	TS 3	5								9822015000
External articulated hinges	Earthing rail										9810014000
Maximum possible number of threads Side A/B	External moun	ting	g bra	ckets							9824024000
Maximum possible number of threads ISO M 12 16 20 25 32 40 50 63 Side A/B 48 21 16 9 6 0 0 Side C/D 5 2 2 1 0 0 0	External articu	late	d hir	nges							9801047000
Maximum possible number of threads ISO M 12 16 20 25 32 40 50 63 Side A/B 48 21 16 9 6 0 0 Side C/D 5 2 2 1 0 0 0	Internal articul	ate	d hin	ges w	ith c	over o	guide	**			9801031000
ISO M 12 16 20 25 32 40 50 63 Side A/B 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0	Silicone seal fo	r ex	tend	led te	mper	ature	rang	e (by	the m	etre)	on request
ISO M 12 16 20 25 32 40 50 63 Side A/B 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0					·						
ISO M 12 16 20 25 32 40 50 63 Side A/B 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0											
ISO M 12 16 20 25 32 40 50 63 Side A/B 48 21 16 9 6 0 0 0 Side C/D 5 2 2 1 0 0 0 0	Maximum pos	ssib	le nı	ımbe	r of t	hrea	ds				
Side C/D 5 2 2 1 0 0 0 0	-							50	63		
Side C/D 5 2 2 1 0 0 0 0	Side A/B 4	8	21	16	9	6	0	0	0		
	Side C/D	5	2	2	1	0	0	0	0		
** Enclosure preparation required	** Enclosure pi	repa	aratio	n red	uirec						



160 x 160 x 90 mm

CA-270 Aluminium enclosures

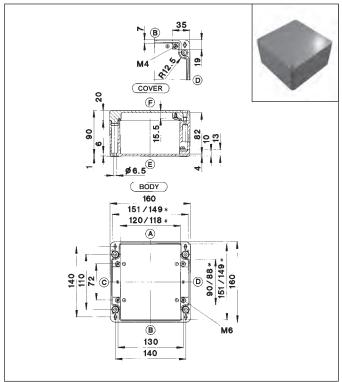


* Smaller dimension at mounting plate support

Туре										CA-270
Weight (g)										1410
External di	mensio	n (m	m)							160 x 160 x 90
Ordering o	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	;								1270000000
unwashed,	not pa	intec	l, loos	e acc	essor	ies				1270013000
Accessorie		vidua	l part	or in	stalla	tion k	it)			
Mounting p										9511149000
Mounting r										-
Mounting r										9821002000
Mounting r		35								9822003000
Earthing ra	il									9810004000
External m		_								9824024000
External ar			_							9801047000
Internal art	iculate	d hin	ges v	vith c	over o	guide	**			9801030000
Silicone sea	al for e	xtend	led te	mper	rature	rang	e (by	the m	etre)	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	20	9	6	4	2	2	1	0		
Side C/D	8	4	3	2	2	0	0	0		
** Enclosur	e prep	aratio	n rec	quirec	ł					

160 x 160 x 90 mm

CA-280 Aluminium enclosures



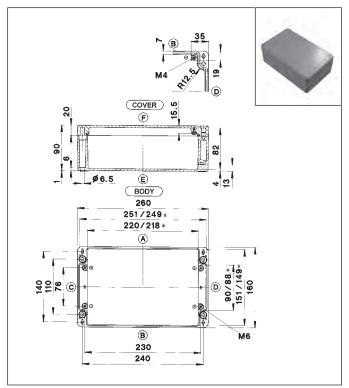
* Smaller dimension at mounting plate support

Туре										CA-280					
Weight (g)										1410					
External di	mensic	n (m	m)							160 x 160 x 90					
Ordering o	lata Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number					
with cover	screws									1280000000					
unwashed,	not pa	inted	l, loos	e acc	essor	ies				1280033000					
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)								
Mounting p	olate									9511011000					
Mounting r	ail TS 1	15								-					
Mounting r	ail TS 3	32								9821002000					
Mounting r	ail TS 3	35								9822003000					
Earthing ra	il									9810004000					
External me	ountin	g bra	ckets							9824024000					
External ar	ticulate	ed hir	nges							9801047000					
Internal art	iculate	d hin	ges v	vith c	over (guide	**			9801030000					
Silicone sea	al 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	20	9	6	4	2	2	1	0							
Side C/D	8	4	3	2	2	0	0	0							
Side C/D															



260 x 160 x 90 mm

CA-290 Aluminium enclosures

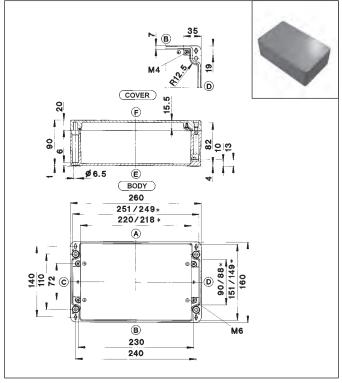


^{*} Smaller dimension at mounting plate support

Туре										CA-290
Weight (g)										1960
External di	mensi	on (m	m)							260 x 160 x 90
Ordering o	data Ei	nclosi	ure (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screw	5								1290000000
unwashed,	not pa	ainted	d, loos	se acc	essor	ies				1290011000
Accessorie		vidua	al part	or in	stalla	tion k	it)			
Mounting p										9511096000
Mounting r										-
Mounting r										9821008000
Mounting r	rail 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 hir	nges v	vith c	over o	guide	**			9801030000
Silicone sea	al for e	xtend	ded te	mpei	rature	rang	e (by	the me	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	36	17	12	7	4	3	3	0		
Side C/D	8	4	3	2	2	0	0	0		
** Enclosur	e prep	aratio	on rec	quirec	ł					

260 x 160 x 90 mm

CA-300 Aluminium enclosures



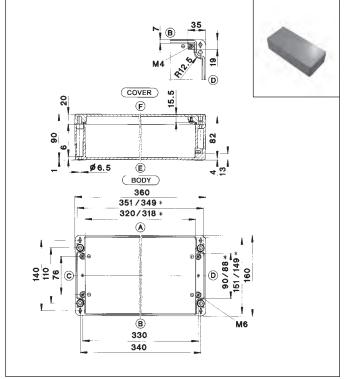
^{*} Smaller dimension at mounting plate support

Туре										CA-300
Weight (g)										1960
External di	mensio	on (m	m)							260 x 160 x 90
Ordering	data Er	nclosi	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	S								1300000000
unwashed,	not pa	aintec	d, loos	se acc	essor	ies				1300041000
Accessorie	•	vidua	ıl part	or in	stalla	tion k	it)			
Mounting										9511012000
Mounting										-
Mounting										9821008000
Mounting	rail TS :	35								9822011000
Earthing ra	iil									9810010000
External m	ountin	ıg bra	ckets							9824024000
External ar	ticulat	ed hir	nges							9801047000
Internal art	ticulate	ed hin	iges v	vith c	over (guide	**			9801030000
Silicone se	al for e	xtenc	led te	mper	rature	rang	e (by	the n	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	8	4	3	2	2	0	0	0		
** Enclosu	re prep	aratio	on rec	quirec	t					



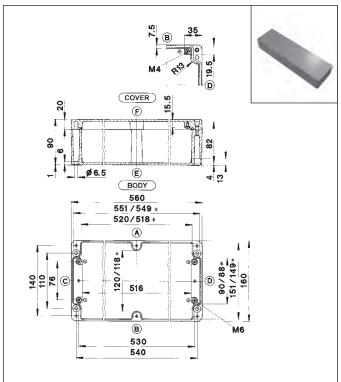
360 x 160 x 90 mm

CA-310 Aluminium enclosures



560 x 160 x 90 mm

CA-330 Aluminium enclosures



 $[\]hbox{* Smaller dimension at mounting plate support}\\$

Type										CA-310
Weight (g)										2550
External dir	mensio	on (m	m)							360 x 160 x 90
Ordering of	lata Er	nclosi	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	5								1310000000
unwashed,	not pa	aintec	l, loos	se acc	essor	ies				1310071000
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting p	olate									9511175000
Mounting r	ail TS	15								_
Mounting r	ail TS 3	32								9821012000
Mounting r	ail TS 3	35								9822015000
Earthing ra	il									9810042000
External mo	ountin	g bra	ckets							9824024000
External art	ticulat	ed hir	nges							9801047000
Internal art	iculate	ed hin	ges v	vith c	over (guide	**			9801030000
Silicone sea	al for e	xtenc	led te	mpei	rature	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	54	26	18	11	6	5	4	0		
Side C/D	8	4	3	2	2	0	0	0		
** Enclosur	e prep	aratio	on rec	uirec	ł					

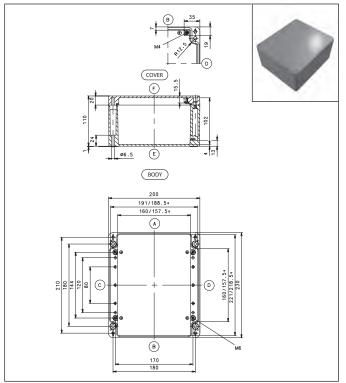
^{*} Smaller dimension at mounting plate support

Туре										CA-330			
Weight (g)										4310			
External di	mensio	on (m	m)							560 x 160 x 90			
Ordering o	data Er	nclosu	ıre (p	ainte	d) wit	h sea	(CR)			Part number			
with cover	screws	S								1330000000			
unwashed,	1330022000												
Accessorie	•	vidua	l part	or in	stalla	tion k	it)						
Mounting										9511014000			
Mounting	rail TS	15								-			
Mounting	rail TS :	32								9821015000			
Mounting	rail TS :	35								9822018000			
Earthing ra	iil									9810016000			
External m	ountin	ig bra	ckets							9824024000			
External ar	ticulat	ed hir	nges							9801047000			
Internal art	ticulate	ed hin	iges v	vith c	over o	guide	**			9801030000			
Silicone sea	al for e	xtend	ded te	mper	ature	rang	e (by	the m	etre)	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	84	40	28	16	10	8	6	0					
Side C/D	8	4	3	2	_	0	0	0					
** Enclosur	re prep	aratio	on rec	quirec	l								



200 x 230 x 110 mm

CA-350 Aluminium enclosures

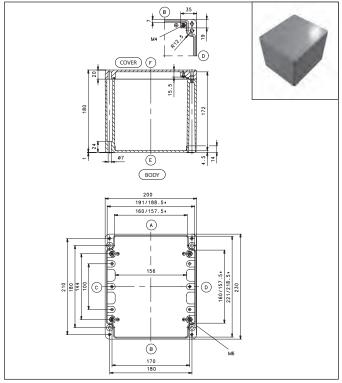


^{*} Smaller dimension at mounting plate support

Туре										CA-350				
Weight (g)										2730				
External di	mensi	on (m	m)							200 x 230 x 110				
Ordering o	lata E	nclosi	ure (p	ainte	d) wit	h sea	I (CR)			Part number				
with cover	screw	5								1350000000				
unwashed,	unwashed, not painted, loose accessories													
Accessorie	s (indi	vidua	al part	or in	stalla	tion k	it)							
Mounting p	olate									9511015000				
Mounting r	ailTS	15								-				
Mounting r	ail TS	32								9821003000				
Mounting r	ail TS	35								9822005000				
Earthing ra	il									9810007000				
External m	ountin	g bra	ckets							9824023000				
External ar	ticulat	ed hir	nges							9801047000				
Internal art	iculate	ed hir	nges v	vith c	over g	guide	**			9801030000				
Silicone sea	al for e	xtend	ded te	mpei	rature	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	35	15	12	8	4	3	2	2						
Side C/D	26	12	8	5	3	2	2	1						
** Enclosur	e prep	aratio	on rec	quirec	d									

200 x 230 x 180 mm

CA-360 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре	CA-360
Weight (g)	3680
External dimension (mm)	200 x 230 x 180
Ordering data Enclosure (painted) with seal (CR)	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)	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

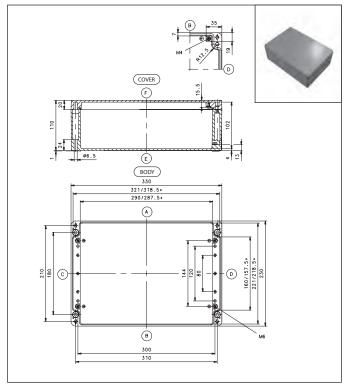
* Smaller dimension at mounting plate support

** Enclosure preparation required

									CA-370			
Weight (g)									3840			
External di	mensio	on (m	m)						280 x 230 x 110			
Ordering o	data Er	nclosi	ıre (pa	ainte	d) wit	h seal	(CR)		Part number			
with cover	with cover screws											
unwashed,	1370015000											
Accessorie	es (indi	vidua	l part	or in:	stallat	ion k	it)					
Mounting	plate								9511016000			
Mounting i	rail TS	15							-			
Mounting i	rail TS 3	32							9821009000			
Mounting	rail TS 3	35							9822012000			
_	il											
Earthing ra									9810011000			
Earthing ra External m		g bra	ckets						9810011000 9824023000			
	ountin	_										
External m	ountin ticulate	ed hir	nges	rith co	over c	juide [:]	* *		9824023000			
External m	ountin ticulate ticulate	ed hir ed hin	nges iges w					the metr	9824023000 9801047000 9801030000			
External m External ar Internal art	ountin ticulate ticulate	ed hir ed hin	nges iges w					the metr	9824023000 9801047000 9801030000			
External m External ar Internal art	ountin ticulate ticulate	ed hir ed hin	nges iges w					the metr	9824023000 9801047000 9801030000			
External m External ar Internal art	ountin ticulate ticulate al for e	ed hir ed hin xtenc	nges iges w led te	mper	ature	rang		the metr	9824023000 9801047000 9801030000			
External m External ar Internal art Silicone sea	ountin ticulate ticulate al for e	ed hir ed hin xtenc	nges iges w led te	mper	ature	rang		the metr	9824023000 9801047000 9801030000			
External m External ar Internal art Silicone sea	ountin ticulate ticulate al for e possil	ed hin ed hin extend ble no	nges nges w led te umbe 20	r of t	ature	rang	50		9824023000 9801047000 9801030000			

330 x 230 x 110 mm

CA-380 Aluminium enclosures

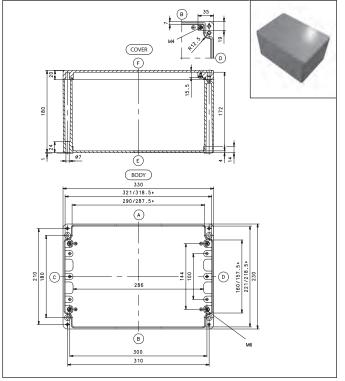


Туре										CA-380			
Weight (g)										4270			
External di	mensio	on (m	m)							330 x 230 x 110			
Ordering o	data Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number			
with cover	screws	5								1380000000			
unwashed,	inwashed, not painted, loose accessories												
Accessorie		vidua	l part	or in	stalla	tion k	it)						
Mounting										9511017000			
Mounting I	rail TS	15								-			
Mounting 1	rail TS :	32								9821011000			
Mounting I	rail TS :	35								9822014000			
Earthing ra	il									9810013000			
External m	ountin	g bra	ckets							9824023000			
External ar	ticulat	ed hir	nges							9801047000			
Internal art	iculate	ed hin	ges v	vith c	over g	guide	**			9801030000			
Silicone sea	al for e	xtenc	led te	mper	ature	rang	e (by	the me	etre)	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	65	30	23	12	9	5	4	3					
Side C/D	24	12	8	5	3	2	2	1					
** Enclosur	e prep	aratio	on rec	quirec	ł								

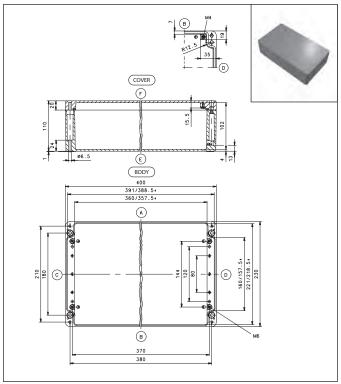


330 x 230 x 180 mm

CA-390 Aluminium enclosures



CA-400 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-390
Weight (g)										5300
External di	imensi	on (m	m)							330 x 230 x 180
Ordering	data Ei	nclosi	ure (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screws	5								1390000000
unwashed	1390012000									
Accessori	es (indi	vidua	ıl 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	ticulat	ed hir	nges							9801047000
Internal ar	ticulate	ed hir	iges v	vith c	over g	guide [.]	**			9801030000
Silicone se	al for e	xtend	ded te	mpei	rature	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	108	54	40	25	15	9	8	6		
Side C/D	52	27	18	12	8	5	3	3		
			on roc	uirec	1					

^{*} Smaller dimension at mounting plate support

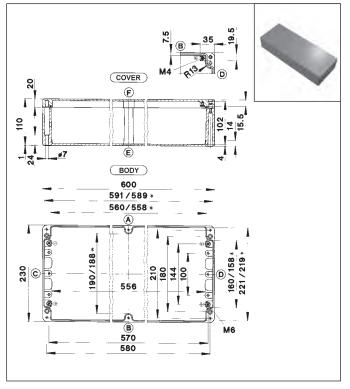
Туре	CA-400
Weight (g)	4870
External dimension (mm)	400 x 230 x 110
Ordering data Enclosure (painted) with seal (CR)	Part number
with cover screws	1400000000
unwashed, not painted, loose accessories	1400013000
Accessories (individual part or installation kit)	
Mounting plate	9511294000
Mounting rail 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 26 12 8 5 3 2 2 1	
** Enclosure preparation required	

⁴⁰⁰ x 230 x 110 mm



600 x 230 x 110 mm

CA-420 Aluminium enclosures

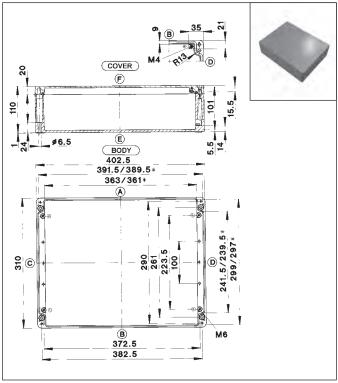


^{*} Smaller dimension at mounting plate support

Туре										CA-420			
Weight (g)										6380			
External dime	nsion	(mn	n)							600 x 230 x 110			
Ordering dat	a Encl	losu	re (p	ainte	d) wit	h sea	(CR)			Part number			
with cover scr	ews									1420000000			
Unwashed, no	Unwashed, not painted, loose accessories												
Accessories (indivi	dual	part	or in	stalla	tion k	it)						
Mounting plan	te									9511019000			
Mounting rail	TS 15									-			
Mounting rail	TS 32									9821016000			
Mounting rail	TS 35									9822019000			
Earthing rail										9810017000			
External mour	nting	brac	kets							9824023000			
External articu	ulated	hin	ges							9801047000			
Internal articu	llated	hing	ges w	ith c	over g	guide	**			9801030000			
Silicone seal fo	or ext	ende	ed te	mper	ature	rang	e (by	the m	etre)	on request			
Maximum po	ssible	e nu	mbe	r of t	hread	ds							
ISO M	12 1	16	20	25	32	40	50	63					
Side A/B 12	20 5	56	42	24	16	8	8	6					
Side C/D	28 1	13	8	5	3	2	2	1					
** Enclosure p	repar	atio	n rec	uirec	l								

402,5 x 310 x 110 mm

CA-450 Aluminium enclosures



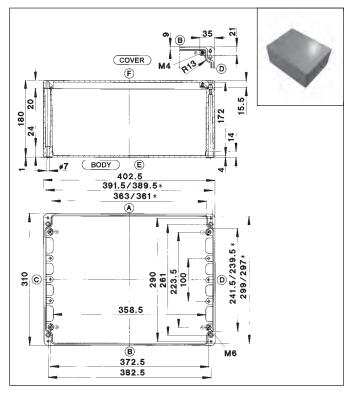
^{*} Smaller dimension at mounting plate support

Туре										CA-450
Weight (g)										5810
External di	mensi	on (m	m)							402,5 x 310 x 110
Ordering o	lata E	nclosi	ıre (p	ainte	d) wit	h sea	I (CR)			Part number
with cover	screw	5								1450000000
Unwashed,	1450025000									
Accessorie	s (indi	vidua	l part	or in	stalla	tion k	it)			
Mounting	olate									9511020000
Mounting i	ail TS	15								-
Mounting i	ail TS	32								9821014000
Mounting i	ail TS	35								9822017000
Earthing ra	il									9810015000
External m	ountin	g bra	ckets							9824023000
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	mpei	rature	rang	e (by	the m	etre)	on request
				·						
Maximum	possi	ble n	umbe	r of t	hrea	ds				
ISO M	12			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		
** Enclosur	0 0 0 0				1					



402,5 x 310 x 180 mm

CA-460 Aluminium enclosures

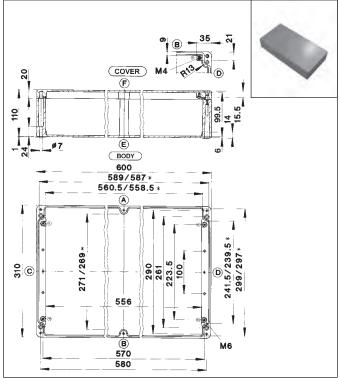


^{*} Smaller dimension at mounting plate support

Туре										CA-460			
Weight (g)										7420			
External di	mensi	on (m	m)							402,5 x 310 x 18			
Ordering (data Ei	nclosi	ure (p	ainte	d) wit	:h sea	I (CR)			Part number			
with cover	screws	5								1460000000			
unwashed	unwashed, not painted, loose accessories												
	<i>(</i> ; 1;				. "		•••						
Accessorie		vidua	ıl pari	orin	stalla	tion k	iit)						
Mounting										9511020000			
Mounting										-			
Mounting										9821014000			
Mounting		35								9822017000			
Earthing ra										9810015000			
External m		_								9824023000			
External ar			_							9801047000			
Internal ar			_			_				9801030000			
Silicone se	al for e	xtend	ded te	mpei	rature	rang	e (by	the me	etre)	on request			
					l								
Maximum	•						50						
ISO M	12	16	20	25	32	40	50	63					
Side A/B					21	12	10	8					
Side C/D	74				12	8	6	3					
** Enclosu	re prep	aratio	on rec	quirec	1								

600 x 310 x 110 mm

CA-470 Aluminium enclosures



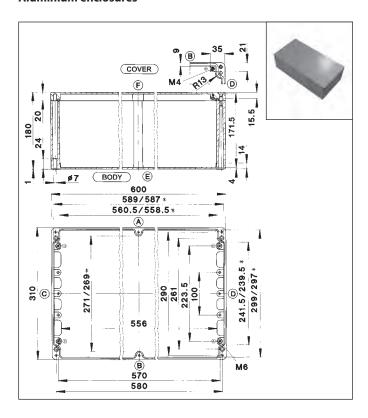
* Smaller dimension at mounting plate support

Туре										CA-470				
Weight (g))									8480				
External d	imensic	on (m	m)							600 x 310 x 110				
Ordering	data Er	nclosu	ıre (p	ainte	d) wit	h sea	I (CR)			Part number				
with cover	crews	5								1470000000				
unwashed	1470062000													
Accessori	os (indi	vidus	Lnart	orin	ctalla	tion k	·i+\							
Mounting	•	viuua	прап	. 01 111	Stalia	LIOITK	art)			9511021000				
Mounting		15								-				
Mounting										9821016000				
Mounting										9822019000				
Earthing ra		,,								9810017000				
External m		a bra	ckets							9824023000				
External a		_								9801047000				
Internal ar			_	vith c	over o	quide	**			9801030000				
Silicone se			_			_		the m	etre)	on request				
Maximum	possil	ole nı	ımbe	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	38	17	13	7	5	4	3	2						
** Enclosu	re prep	aratio	on rec	quirec	ł									



600 x 310 x 180 mm

CA-480 Aluminium enclosures



^{*} Smaller dimension at mounting plate support

Туре										CA-480			
Weight (g)										10840			
External di	imensi	on (m	m)							600 x 310 x 180			
Ordering	data E	nclosi	ure (p	ainte	d) wit	h sea	I (CR)			Part number			
with cover	screw	1480000000											
unwashed	, not p	1480017000											
	, , , , , , , , , , , , , , , , , , , ,												
Accessori	es (ind	ividua	ıl part	or in	stalla	tion k	it)						
Mounting	plate									9511021000			
Mounting	rail TS	15								-			
Mounting	rail TS	32								9821016000			
Mounting	rail TS	35								9822019000			
Earthing ra	ail									9810017000			
External m	ountir	ng bra	ckets							9824023000			
External ar	ticulat	ed hir	nges							9801047000			
Internal ar	ticulat	ed hir	iges v	vith c	over o	guide	**			9801030000			
Silicone se	al for e	extend	ded te	mpei	rature	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	200	100	76	46	30	18	14	12					
Side C/D	74	38	28	18	12	8	6	5					
** Enclosu	re pre	oaratio	on rec	uirec	ł								