

# CA Aluminum Enclosures

ITC is proud to carry the “CA” series of aluminum enclosures, manufactured in Germany by BERNSTEIN AG. They are ideal for containing electrical, electronic or pneumatic components, and are also suited for application in potentially explosive atmospheres.

CA Series enclosures are manufactured either by pressure or gravity die-casting of Aluminum (Al Si 12), which provide high mechanical resistance, resistance to corrosion, and IP66 protection (similar to NEMA 4X) thanks to the factory-fitted PUR seal.

## Features and specifications:

- Back-plates included copper-coated mounting screws; Stainless steel screws for the cover
- **Sizes:** 35 size models, 50x45x30mm to 600x310x180mm (2x1.8x1.2” to 23.6x12.2.7.1”)
- **Finish:** powder-coated, colour grey RAL 7001, resistant to salt spray (IEC 60068-2-52)  
Other colours on demand. The enclosures can also be provided without coating (unpainted)
- **Operating temperature:** -40 to 100°C (-60 to 130°C for enclosures with the optional silicone seal)
- **Ingress protection:** IP66 (DIN EN 60529) (IP67 upon request)
- **Approvals:** UL (E182264), ATEX (optional), Germanischer Lloyd

## CA Enclosures Accessories (Order by Part No.)

Part No.	Description
BE951.1001.000	Steel back-plate for Aluminum encl. CA-060
BE951.1002.000	Steel back-plate for Aluminum encl. CA-080
BE951.1003.000	Steel back-plate for Aluminum encl. CA-100
BE982.3015.000	Steel back-plate for Aluminum encl. CA-130
BE951.1004.000	Steel back-plate for Aluminum encl. CA-140
BE982.3016.000	Steel back-plate for Aluminum encl. CA-150
BE951.1005.000	Steel back-plate for Aluminum encl. CA-160
BE982.3017.000	Steel back-plate for Aluminum encl. CA-170
BE951.1006.000	Steel back-plate for Aluminum encl. CA-180
BE982.3021.000	Steel back-plate for Aluminum encl. CA-190
BE951.2000.000	Steel back-plate for Aluminum encl. CA-210
BE951.1150.000	Steel back-plate for Aluminum encl. CA-215
BE951.1008.000	Steel back-plate for Aluminum encl. CA-220
BE951.1095.000	Steel back-plate for Aluminum encl. CA-230, CA-235
BE951.1009.000	Steel back-plate for Aluminum encl. CA-240
BE951.1174.000	Steel back-plate for Aluminum encl. CA-250
BE951.1149.000	Steel back-plate for Aluminum encl. CA-270
BE951.1011.000	Steel back-plate for Aluminum encl. CA-280
BE951.1096.000	Steel back-plate for Aluminum encl. CA-290
BE951.1012.000	Steel back-plate for Aluminum encl. CA-300
BE951.1175.000	Steel back-plate for Aluminum encl. CA-310
BE951.1014.000	Steel back-plate for Aluminum encl. CA-330
BE951.1015.000	Steel back-plate for Aluminum encl. CA-350, CA-360
BE951.1016.000	Steel back-plate for Aluminum encl. CA-370
BE951.1017.000	Steel back-plate for Aluminum encl. CA-380, CA-390
BE951.1294.000	Steel back-plate for Aluminum encl. CA-400
BE951.1019.000	Steel back-plate for Aluminum encl. CA-420
BE951.1020.000	Steel back-plate for Aluminum encl. CA-450, CA-460
BE951.1021.000	Steel back-plate for Aluminum encl. CA-470, CA-480
BE982.4024.000	Internal mounting brackets for AL enclosures CA-210 to CA-330
BE982.4023.000	External mounting brackets for AL enclosures CA-350 to CA-480

Information subject to change without notice



**CA Enclosures (Order by Part No.)**

Dimensions (mm)			Internal Depth (mm)	Model	Part No.		Dimensions (in)			Internal Depth (in)
H	W	D			Coated RAL7001	Unpainted	H	W	D	
50	45	30	25	CA-020	BE102.0000.000	BE102.0034.000	1.97	1.77	1.18	0.985
58	64	36	29.5	CA-060	BE106.0000.000	BE106.0038.000	2.28	2.52	1.41	1.16
98	64	36	29.5	CA-080	BE108.0000.000	BE108.0042.000	3.86	2.52	1.41	1.16
150	64	36	29.5	CA-100	BE110.0000.000	BE110.0053.000	5.90	2.52	1.41	1.16
75	80	57	51	CA-130	BE113.0000.000	BE113.0057.000	2.95	3.15	2.24	2.00
75	80	57	51	CA-140	BE114.0000.000	BE114.0080.000	2.95	3.15	2.24	2.00
125	80	57	51	CA-150	BE115.0000.000	BE115.0019.000	4.92	3.15	2.24	2.00
125	80	57	51	CA-160	BE116.0000.000	BE116.0045.000	4.92	3.15	2.24	2.00
175	80	57	51	CA-170	BE117.0000.000	BE117.0016.000	6.89	3.15	2.24	2.00
175	80	57	51	CA-180	BE118.0000.000	BE118.0040.000	6.89	3.15	2.24	2.00
250	80	57	51	CA-190	BE119.0000.000	BE119.0026.000	9.84	3.15	2.24	2.00
122	122	80	72	CA-210	BE121.0000.000	BE121.0000.050	4.80	4.80	3.15	2.83
122	122	90	82	CA-215	BE121.0000.050	BE121.0012.050	4.80	4.80	3.54	3.22
122	122	80	72	CA-220	BE122.0000.000	BE122.0061.000	4.80	4.80	3.15	2.83
220	122	80	72	CA-230	BE123.0000.000	BE123.0015.000	8.66	4.80	3.15	2.83
220	122	90	82	CA-235	BE123.0000.050	BE123.0012.050	8.66	4.80	3.54	3.22
220	122	80	72	CA-240	BE124.0000.000	BE124.0082.000	8.66	4.80	3.15	2.83
360	122	80	72	CA-250	BE125.0000.000	BE125.0011.000	14.17	4.80	3.15	2.83
160	160	90	82	CA-270	BE127.0000.000	BE127.0013.000	6.30	6.30	3.54	3.22
160	160	90	82	CA-280	BE128.0000.000	BE128.0033.000	6.30	6.30	3.54	3.22
260	160	90	82	CA-290	BE129.0000.000	BE129.0011.000	10.23	6.30	3.54	3.22
260	160	90	82	CA-300	BE130.0000.000	BE130.0041.000	10.23	6.30	3.54	3.22
360	160	90	82	CA-310	BE131.0000.000	BE131.0071.000	14.17	6.30	3.54	3.22
560	160	90	82	CA-330	BE133.0000.000	BE133.0022.000	25.98	6.30	3.54	3.22
200	230	110	102	CA-350	BE135.0000.000	BE135.0017.000	7.87	9.05	4.33	4.01
200	230	180	171.5	CA-360	BE136.0000.000	BE136.0043.000	7.87	9.05	7.08	6.75
280	230	110	102	CA-370	BE137.0000.000	BE137.0015.000	11.02	9.05	4.33	4.01
330	230	110	102	CA-380	BE138.0000.000	BE138.0014.000	12.99	9.05	4.33	4.01
330	230	180	171.5	CA-390	BE139.0000.000	BE139.0012.000	12.99	9.05	7.08	6.75
401	230	110	102	CA-400	BE140.0000.000	BE140.0013.000	15.79	9.05	4.33	4.01
600	230	110	102	CA-420	BE142.0000.000	BE142.0011.000	23.62	9.05	4.33	4.01
402	310	110	102	CA-450	BE145.0000.000	BE145.0025.000	15.80	12.20	4.33	4.01
402	310	180	171.5	CA-460	BE146.0000.000	BE146.0049.000	15.80	12.20	7.08	6.75
600	310	110	102	CA-470	BE147.0000.000	BE147.0062.000	23.62	12.20	4.33	4.01
600	310	180	171.5	CA-480	BE148.0000.000	BE148.0017.000	23.62	12.20	7.08	6.75

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**External Mounting Brackets:**



**Quick-release screw and internal fastener:**

