

# Aluminium and Polyester Blank enclosures CA, CP, CPS



## ATEX-U certified standard enclosures

BERNSTEIN CA enclosures have been tested by an internationally recognised and certified inspection authority and certified through type approval testing for use in areas with potentially explosive dust and gas atmospheres. Used as terminal and control enclosures, the aluminium pressure die-cast and glass-fibre reinforced polyester enclosures are designed to accept corresponding mechanical and electrical equipment. The enclosures come with operating instructions, type identification plate, EU Type Approval Certificate and CE Declaration of Conformity. Either an EPDM or silicone seal can be used. The enclosures can be fitted at the factory with external hinges.

## Technical Data

- **Protection class** IP 66 to IEC 60529 (special seal)
- **Identification**
  - ⊕ II 2G Ex e IIC Gb
  - ⊕ II 2D Ex tD A21 IP 65 (CA)
  - ⊕ II 1D Ex ta IIIC Da IP 66
- **Impact strength**
  - > 7 joules (CA)
  - up to CP-230 4 joules
  - as from CP-240 > 7 joules
- **Operating temperature** –55 °C to +100 °C (special seal)
- **CA**
  - Enclosure colour: RAL 7001 (silver grey)
  - Powder-coating corrosion protection
- **CP/CPS**
  - Enclosure colour: RAL 7000 (squirrel grey) CP
  - RAL 9005 (jet black) CPS
- **UV resistance**

# Ordering data Blank enclosures

## CA, CP, CPS

Type	External dimension (mm)	Art.No. with silicone seal	Art.No. with EPDM seal
CA-060	58 x 64 x 36	1064005000	1064000000
CA-080	98 x 64 x 36	1084005000	1084000000
CA-100	150 x 64 x 36	1104005000	1104000000
CA-130	75 x 80 x 57	1134005000	1134000000
CA-150	125 x 80 x 57	1154005000	1154000000
CA-170	175 x 89 x 57	1174005000	1174000000
CA-190	250 x 80 x 57	1194005000	1194000000
CA-210	122 x 122 x 80	1214005000	1214000000
CA-215	122 x 122 x 90	1214005050	1214000050
CA-220	122 x 122 x 80	1224005000	1224000000
CA-230	220 x 122 x 80	1234005000	1234000000
CA-235	220 x 122 x 90	1234005050	1234000050
CA-240	220 x 122 x 80	1244005000	1244000000
CA-250	360 x 122 x 80	1254005000	1254000000
CA-270	160 x 160 x 90	1274005000	1274000000
CA-280	160 x 160 x 90	1284005000	1284000000
CA-290	260 x 160 x 90	1294005000	1294000000
CA-300	260 x 160 x 90	1304005000	1304000000
CA-310	360 x 160 x 90	1314005000	1314000000
CA-330	560 x 160 x 90	1334005000	1334000000
CA-350	200 x 230 x 110	1354005000	1354000000
CA-360	200 x 230 x 180	1364005000	1364000000
CA-370	280 x 230 x 110	1374005000	1374000000
CA-380	330 x 230 x 110	1384005000	1384000000
CA-390	330 x 230 x 180	1394005000	1394000000
CA-400	400 x 230 x 110	1404005000	1404000000
CA-420	600 x 230 x 110	1424005000	1424000000
CA-450	402,5 x 310 x 110	1454005000	1454000000
CA-460	402,5 x 310 x 180	1464005000	1464000000
CA-470	600 x 310 x 110	1474005000	1474000000
CA-480	600 x 310 x 180	1484005000	1484000000
CP-140	80 x 75 x 55	4144005000	4144000000
CP-145	80 x 75 x 75	4144005050	4144000050
CP-150	110 x 75 x 55	4154005000	4154000000
CP-155	110 x 75 x 75	4154005050	4154000050
CP-170	160 x 75 x 55	4174005000	4174000000
CP-175	160 x 75 x 75	4174005050	4174000050
CP-190	190 x 75 x 55	4194005000	4194000000
CP-195	190 x 75 x 75	4194005050	4194000050
CP-220	122 x 120 x 90	4224005000	4224000000
CP-240	220 x 120 x 90	4244005000	4244000000
CP-280	160 x 160 x 90	4284005000	4284000000
CP-300	260 x 160 x 90	4304005000	4304000000
CP-320	360 x 160 x 90	4324005000	4324000000
CP-330	560 x 160 x 90	4334005000	4334000000
CP-370	255 x 250 x 120	4374005000	4374000000
CP-400	400 x 250 x 120	4404005000	4404000000
CP-450	400 x 405 x 120	4454005000	4454000000
CP-460	400 x 405 x 165	4464005000	4464000000
CPS-140	80 x 75 x 55	5144005000	5144000000
CPS-145	80 x 75 x 75	5144005050	5144000050
CPS-150	110 x 75 x 55	5154005000	5154000000
CPS-155	110 x 75 x 75	5154005050	5154000050
CPS-170	160 x 75 x 55	5174005050	5174000050
CPS-175	160 x 75 x 75	5174005050	5174000050
CPS-190	190 x 75 x 55	5194005000	5194000000
CPS-195	190 x 75 x 75	5194005050	5194000050
CPS-220	122 x 120 x 90	5224005000	5224000000
CPS-240	220 x 120 x 90	5244005000	5244000000
CPS-280	160 x 160 x 90	5284005000	5284000000
CPS-300	260 x 160 x 90	5304005000	5304000000
CPS-320	360 x 160 x 90	5324005000	5324000000
CPS-330	560 x 160 x 90	5334005000	5334000000
CPS-370	255 x 250 x 120	5374005000	5374000000
CPS-400	400 x 250 x 120	5404005000	5404000000
CPS-450	400 x 405 x 120	5454005000	5454000000
CPS-460	400 x 405 x 165	5464005000	5464000000