

# CP & CPS Series Polyester Enclosures



The CP and CPS series enclosures, manufactured in Germany by BERNSTEIN AG, are produced from high grade fiberglass-reinforced polyester resin. Designed for containing electrical and electronic components, they are ideally suited for both **Outdoor** and **Indoor** applications.

The black CPS models, due to their reduced surface resistance, meet the requirements for potentially explosive (Ex) applications. Both CP and CPS models have high mechanical strength and high corrosion resistance.

CP and CPS polyester enclosures feature threaded M4 or M6 inserts in the body, for mounting back-plates, DIN Rail, and accessories. Captive, stainless steel screws for mounting the cover into the galvanized threaded inserts are included.

Available accessories include mounting plates (back-plates), external mounting brackets, external and internal hinges.



## Features and specifications:

- **Operating temperature of enclosures:** -60 to 165°C
- **Operating temperature of seals:** -40 to 100°C (-60 to 130°C for enclosures with the optional silicone seal)
- **Ingress protection:** DIN EN 60529 IP66 (IP67 with PUR seal)
- **Material, Enclosure:** Glass fibre-reinforced polyester, suitable for outdoor use
- **Material, Seal:** injected polyurethane (PUR)
- **Sizes:** 18 size models, from 80x75x55mm, to 400x405x165mm
- **Colour:** CP = Grey (RAL7000); CPS = Black (RAL9005)
- **Approvals:** cULus (file E182264), Germanischer Lloyd, ATEX (optional on CPS models)

## CP and CPS Enclosures (Order by Part No.)

Dimensions (mm)			Int'l Depth (mm)	Model	Part No.		Dimensions (in)			Int'l Depth (in)
H	W	D			Grey RAL7001 (CP)	Black RAL9005 (CPS)	H	W	D	
80	75	55	47.5	CP-140 CPS-140	BE414.0000.000	BE514.0000.000	3.25	3.05	2.25	1.94
80	75	75	67.5	CP-145 CPS-145	BE414.0000.050	BE514.0000.050	3.25	3.05	3.05	2.75
110	75	55	47.5	CP-150 CPS-150	BE415.0000.000	BE515.0000.000	4.50	3.05	2.25	1.94
110	75	75	67.5	CP-155 CPS-155	BE415.0000.050	BE515.0000.050	4.50	3.05	3.05	2.75
122	120	90	82	CP-220 CPS-220	BE422.0000.000	BE522.0000.000	5.00	4.90	3.67	3.35
160	75	55	47.5	CP-170 CPS-170	BE417.0000.000	BE517.0000.000	6.50	3.05	2.25	1.94
160	75	75	67.5	CP-175 CPS-175	BE417.0000.050	BE517.0000.050	6.50	3.05	3.05	2.75
160	160	90	82	CP-280 CPS-280	BE428.0000.000	BE528.0000.000	6.50	6.50	3.67	3.35
190	75	55	47.5	CP-190 CPS-190	BE419.0000.000	BE519.0000.000	7.75	3.05	2.25	1.94
190	75	75	67.5	CP-195 CPS-195	BE419.0000.050	BE519.0000.050	7.75	3.05	3.05	2.75
220	120	90	82	CP-240 CPS-240	BE424.0000.000	BE524.0000.000	9.00	4.90	3.67	3.35
255	250	120	109	CP-370 CPS-370	BE437.0000.000	BE537.0000.000	10.40	10.2	4.90	4.45
260	160	90	82	CP-300 CPS-300	BE430.0000.000	BE530.0000.000	10.60	6.50	3.67	3.35
360	160	90	82	CP-320 CPS-320	BE432.0000.000	BE532.0000.000	14.70	6.50	3.67	3.35
560	160	90	82	CP-330 CPS-330	BE433.0000.000	BE533.0000.000	22.85	6.50	3.67	3.35
400	250	120	109	CP-400 CPS-400	BE440.0000.000	BE540.0000.000	16.30	10.2	4.90	4.45
400	105	120	109	CP-450 CPS-450	BE445.0000.000	BE545.0000.000	16.30	4.30	4.90	4.45
400	105	165	154	CP-460 CPS-460	BE446.0000.000	BE546.0000.000	16.30	4.30	6.70	6.28

Information subject to change without notice

**CP and CPS Enclosures Accessories (Order by Part No.)**

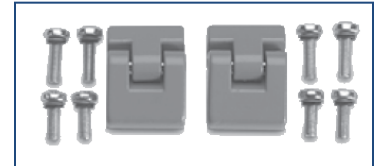
Part No.	Description
BE982.3000.000	Fiberboard mounting plate for CP140, CP145
BE982.3001.000	Steel mounting plate for CP150, CP155
BE982.3002.000	Steel mounting plate for CP170, CP175
BE982.3003.000	Steel mounting plate for CP190, CP195
BE982.3004.000	Steel mounting plate for CP220
BE982.3005.000	Steel mounting plate for CP240
BE982.3006.000	Steel mounting plate for CP280
BE982.3007.000	Steel mounting plate for CP300
BE982.3008.000	Steel mounting plate for CP320
BE982.3085.000	Steel mounting plate for CP330
BE982.3009.000	Steel mounting plate for CP370
BE982.3010.000	Steel mounting plate for CP400
BE982.3011.000	Steel mounting plate for CP450, CP460
BE982.4000.000	External mounting brackets for CP140 to CP195
BE982.4001.000	External mounting brackets for CP224, CP240
BE982.4004.000	External mounting brackets for CP280 to CP330
BE982.4011.000	External mounting brackets for CP370, CP400
BE982.4012.000	External mounting brackets for CP450, CP460
BE980.1045.000	*External hinges for CP enclosures; CP220 to CP460
BE980.1046.000	*External hinges for CPS enclosures; CPS220 to CPS460
BE980.1032.000	*Internal hinges for CP, CPS enclosures - with cover guide; CP220 to CP460

*Information subject to change without notice  
 Mounting plates include mounting screws  
 \* Enclosure preparation required*

**External Mounting Brackets**



**External Hinges**



**Internal Hinges**

