

Bushing Current Transformers CB SERIES



- Indoor or Outdoor
- Primary current from 50 to 60000 A
- Inner diameter from 40mm to 500 mm
- Insulation 0.75/4 kV
- Measurement and protection

Current transformers moulded in self-extinguishing resin for the measurement of AC current from 50 to 60000A.

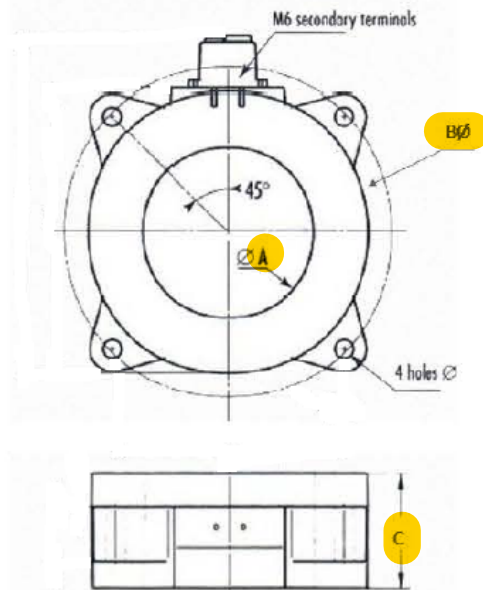
With inner diameters between 40 and 500 mm, these transformers are often used on bushing of power transformers. Or on generator bushing insulators. 2 versions, indoor or outdoor, are available. The outdoor version is equipped with weatherproof terminal box fitted with 2 cable glands.

Technical data	
Highest voltage for equipment	750V
power-frequency withstand voltage	4000V
primary current I _{pn}	50 to 60000A
secondary current I _{sn}	5 or 1A
Frequency	50 or 60 Hz
Rated output	1 to 500 VA
Accuracy class	0.5 - 1 - 3 - 5p - 10p - CIX
Security factor	5 to 30
Accuracy limit factor	5-10-15-20-30
Continuous thermal current	1.2 to 1.5I _{pn} and 2I _{pn}
short-time thermal current I _{th}	25 to 1000I _{pn}
Dynamic current I _{dyn}	2.5I _{th}
Insulation class	E
Altitude	1000 m
Ambient temperature	-5C° to + 40 C° -25C° to + 40 C° -40C° to + 40 C°
Standards	IEC60044-1, IEC61869-2, IEC60044-2

Other characteristics on request	
Highest voltage for equipment	Up to 2400 V
power-frequency withstand voltage	Up to 11 KV
secondary current I _{sn}	0.005 to 10 A
Frequency	1 to 10000 Hz
Accuracy class	0.1 - 0.2 - 0.2S - 0.5S - 5P - 10P - cIX
Accuracy limit factor	5 - 10 - 15 - 20 - 30
Multi - ratio	By secondary tapping
Multiple cores	Up to 4 cores
Continuous thermal current	1.2 to 1.5I _{pn} and 2I _{pn}
Ambient temperature	-40C° to + 70 C°
Standard	ANSI C57.13 - CAN3 C13 - AS 1675
Accessories/Option	
Water proof terminal cover	Standard on outdoor version

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ردیف	تایپ	ابعاد واقعی
	CB A*B*C	
1	CB 40*150*80	40-152-81.5
2	CB 60*150*80	60-152-81.5
3	CB 90*150*80	90-152-81.5
4	CB 110*150*80	110-152-81.5
5	CB50*200*100	50-205-102
6	CB60*200*70	60-204-72
7	CB60*200*155	60-204-155.5
8	CB 60*200*180	60-205-176
9	CB80*200*120	80-205-122
10	CB80*200*155	80-204-155.5
11	CB 100*200*100	102-204-102
12	CB100*200*120	102-205-123
13	CB 100*200*155	102-204-156
14	CB 125*200*100	125-201-100
15	CB 135*200*60	135-201-60
16	CB 135*200*100	135-201-100
17	CB 80*210*120	80-212-120
18	CB 100*210*60	100-212-60
19	CB 110*210*60	110-213-61
20	CB 100*210*100	100-212-100
21	CB 120*210*60	120-212-60
22	CB 120*210*120	120-212-120
23	CB 150*230*80	150-233-80
24	CB 106*240*60	106-237-60
25	CB 106*240*100	106-237-100
26	CB 120*240*60	121-237-60
27	CB 130*240*60	128-239-60
28	CB 130*240*80	128-239-79
29	CB 50*250*120	20-254-120
30	CB 70*250*80	70-251.5-80
31	CB 80*250*80	80-251.5-80
32	CB 80*250*120	80-251.5-120
33	CB 80*250*140	80-251.5-140
34	CB90*250*70	90-251.5-70
35	CB 90*250*80	90-251.5-80
36	CB 90*250*100	91-254-100
37	CB 100*250*80	100-251.5-80
38	CB 100*250*100	100-252-100
39	CB 100*250*120	100-251.5-120 100-254-120
40	CB 110*250*80	110-251.5-80
41	CB 110*250*250	110-251.5-250
42	CB 120*250*75	120-251.5-75
43	CB 120*250*75	120-254-75
44	CB 120*250*50	120-254-50
45	CB 120*250*80	120-251.5-80 120-254-80
46	CB 120*250*100	120-254-100
47	CB 120*250*120	120-251.5-120
48	CB 120*250*140	121-254-142
49	CB 125*250*80	125-252-82
50	CB 150*250*50	150-254-50
51	CB 150*250*60	150-254-60
52	CB 150*250*70	150-254-70
53	CB 150*250*80	150-251.5-80
54	CB 150*250*85	150-254-85
55	CB 150*250*100	150-252.5-101
56	CB 150*250*120	150-251.5-120
57	CB 150*250*200	150-253-206
58	CB 160*250*80	160-251.5-80
59	CB 160*250*120	160-251.5-120
60	CB 170*250*100	172-254-100
61	CB 170*250*120	172-251.5-120
62	CB 170*250*200	172-251.5-205
63	CB 180*250*120	182-254-120
64	CB 80*280*100	81-283-100
65	CB 100*280*150	100-283-154
66	CB 100*280*200	100-283-205
67	CB 120*280*100	120-283-100
68	CB 120*280*150	120-283-150
69	CB 120*280*200	120-285-205
70	CB 150*280*100	150-283-100
71	CB 150*280*150	150-283-154
72	CB 150*280*200	150-283-204
73	CB 170*280*80	171-283-82



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	CB A*B*C	
74	CB 170*280*120	171-283-122
75	CB 170*280*150	171-283-154
76	CB 170*280*200	171-283-204
77	CB 180*280*80	181-283-82
78	CB 195*280*80	194-283-82
79	CB 210*280*80	210-283-83
80	CB 80*300*200	82*305*201
81	CB 110*300*250	113-303-251
82	CB 120*300*100	119-299-100
83	CB 120*300*200	121-303-201
84	CB 150*300*50	150-298-50
85	CB 150*300*70	151-298-70
86	CB 150*300*90	150-298-90
87	CB 150*300*110	150-300-110
88	CB 150*300*200	153-303-200
89	CB 150*300*250	150--303-251
90	CB 160*300*70	160-298-70
91	CB 170*300*70	172-298-70
92	CB 170*300*100	170-299-101.5
93	CB 170*300*200	170-300-200
94	CB 180*300*50	180-299-50
95	CB 180*300*75	180-299-76
96	CB 180*300*90	180-300-90
97	CB 180*300*115	180-300-115
98	CB 200*300*50	200-299-50
99	CB 200*300*50	200-299-50
100	CB 200*300*75	200-299-75
101	CB 200*300*90	200-299-90
102	CB 200*300*200	200-305-201
103	CB 75*350*200	75-355-200
104	CB 100*350*180	100-350-180
105	CB 100*350*200	100-355-201
106	CB 100*350*260	100-355-262.5
107	CB 120*350*200	120-355-201
108	CB 120*350*260	120-355-262.5
109	CB 150*350*200	150-355-201
110	CB 170*350*100	170-355-100
111	CB 170*350*180	170-355-180
112	CB 200*350*200	200-355-201
113	CB 220*350*90	220-355-88
114	CB 220*350*180	220-355-180
115	CB240*350*90	240-355-90
116	CB 120*360*100	120-361-101
117	CB 140*360*80	140-362-80
118	CB 150*360*100	150-361-101
119	CB 150*360*140	150-362-142.5
120	CB 180*360*80	180-359-80
121	CB 180*360*140	180-362-143
122	CB 200*360*100	200-362-101
123	CB 220*360*80	220-362-80
124	CB 230*360*100	230-362-101
125	CB 250*360*100	250-362-101.5
126	CB 280*360*80	280-362-80
127	CB 100*400*170	100-405-170
128	CB 120*400*120	120-405-122
129	CB 120*400*200	120-405-202
130	CB 150*400*120	150-405-122
131	CB 150*400*170	150-405-172
132	CB 150*400*300	150-405-302
133	CB 170*400*170	170-405-172
134	CB 170*400*300	170-405-302
135	CB 180-400-170	180-405-173
136	CB 200*400*120	200-405-122
137	CB 200*400*170	200-405-173
138	CB 250*400*120	252-405-122
139	CB 250*400*170	252-405-172
140	CB 300*400*50	298-405-51
141	CB 300*400*120	300-405-122
142	CB 300*400*200	300-405-202
143	CB 310*400*120	310-405-122

