

Selection Data

Series CB



Molded Case Circuit Breakers

Frame Size		100AF		
Catalog Number	2-pole	CBS102U	CBH102U	CBL102U
	3-pole	CB-1S	CB-1H	CB-1L
Maximum continuous ampere rating at 40°C		15, 20, 30, 40, 50, 60, 80, 100A		
UL 489 Listed	240V AC	50kA	65kA	100kA
Interrupting ratings (RMS Symmetrical ratings)	480V AC	25kA CBS "Standard Capacity"	35kA	50kA CBL "High Capacity"
	600V AC	-	-	-
Type of overcurrent device		Fixed thermal and magnetic		
Catalog No. of wire connector		CBCA1		
Dimensions Inches (mm)	Width	4.13 (105)		
	Height	7.28 (185)		
	Depth	3.39 (86)		
Shipping weight	Lbs.(kg)	4.2 (1.9)		

- **Applicable Standard**

Molded case circuit breakers are designed and tested in accordance with Underwriters Laboratories, Inc., Standard UL489. (UL file No.: E231289)

- **Wire Connectors (Box Lugs)**

Circuit breakers are supplied with line & load side connectors.

- **Calibration**

Circuit breakers are calibrated for 40°C ambient application.
Unless marked otherwise, circuit breakers are 80% duty related.

- **HACR rated**

Circuit breakers are HACR rated.

- **Cable Connections**

Circuit breakers, 125 amperes or less are to be connected with either 60 or 75°C wire.
For Circuit breakers having a rated current greater than 125, amperes shall only be connected with 75°C cable.



225AF			400AF			600AF		
CBS202U	CBH202U	CBL202U	CBS402U	CBH402U	CBL402U	CBS602U	CBH602U	CBL602U
CB-2S	CB-2H	CB-2L	CB-4S	CB-4H	CB-4L	CB-6S	CB-6H	CB-6L
125, 150, 175, 200, 225A			250, 300, 350, 400A			500, 600A		
50kA	65kA	100kA	50kA	65kA	100kA	50kA	65kA	100kA
25kA	35kA	50kA	25kA	35kA	50kA	25kA	35kA	50kA
-	-	-	14kA	18kA	18kA	14kA	18kA	22kA
Fixed thermal and magnetic			Fixed thermal and magnetic			Fixed thermal and magnetic		
CBCA2			CBCA4			CBCA6		
4.13 (105)			5.51 (140)			8.27 (210)		
7.28 (185)			11.02 (280)			11.02 (280)		
3.39 (86)			4.33 (110)			4.33 (110)		
4.4 (2.0)			12.3 (5.6)			19.4 (8.8)		

● **Magnetic trip settings**

Frame Size (AF)	Ampere rating (In)	Magnetic Trip Settings
1F (100A)	15A	500A
	30A	500A
	50A	500A
	80A	800A
2F (225A)	125A	5,6,7,8,9,10 x In (Adjustable)
	175A	5,6,7,8,9,10 x In (Adjustable)
	225A	5,6,7,8,9,10 x In (Adjustable)
4F (400A)	300A	3000A
	400A	4000A
6F (600A)	600A	6000A

* UL magnetic trip setting tolerances are -20% and +30% from the nominal values shown.