


WORLD DESIGN ACCEPTANCE AN INTERNATIONAL DESIGN

APPLICATIONS

1. **As an International Breaker.** 600 Volt Thermal Magnetic CIRCUIT BREAKER per IEC 60947-2.
2. **As a Motor Controller** for multiple group loads certified tested for **high interruption capacity circuits** by UL (UL508).
3. **As a Manual Starter/Motor Disconnect** with short circuit and overload protection. Type CBC-H controllers are designed and approved for multiple full load power switching.
4. **As a Panel Main Disconnect,** with adjustable short circuit and adjustable thermal overload protection.

CERTIFICATIONS

- Standard
 - IEC 60947-2
 - KSC 8321
- Certifications and approvals
 - **CE**
 - KEMA
 - ISO 9001 / 14001
 - UL 508,  Manual Controller




KEMA TEST CERTIFICATES

ISO 9001

ISO 14001



 **600 Volt** UL508

Controller	Interruption Capacity
CBC-1H 100 Amp, Frame 1F	42KA (480V)
CBC-2H 250 Amp, Frame 2F	42KA (480V)
CBC-1L 100 Amp, Frame 2F	65KA (480V)
CBC-2L 250 Amp, Frame 2F	65KA (480V)

CERTIFIED INTERNATIONAL TEST LAB

KEMA Test Data

MAJOR Independent third party test laboratory.
Certified IEC 60947-2 and **CE**.

KEMA Test Lab is an Internationally Approved Test Laboratory recognized and accepted internationally as the premier test facility. All Series CBC Breakers are also CERTIFIED TESTED by KEMA.

SERIES CBC Ratings

Thermal Trip (Amp)	Magnetic Instantaneous Trip (Amp)*	General Purpose (Amp)	600 Volt Catalog No.	42kA Interrupting Capacity 480V	Horse Power Three Phase •		
					230v	460v	600v
<i>100 Amp, Frame 1F</i>							
12-16A	500A*	16	CBC-1H-16A - 42KA	42kA	3/4	2	3
16-20A	500A*	20	CBC-1H-20A - 42KA	42kA	1 ^{1/2}	3	5
20-25A	500A*	25	CBC-1H-25A - 42KA	42kA	2	5	7 ^{1/2}
25-32A	500A*	32	CBC-1H-32A - 42KA	42kA	3	7 ^{1/2}	10
32-40A	500A*	40	CBC-1H-40A - 42KA	42kA	5	10	15
40-50A	500A*	50	CBC-1H-50A - 42KA	42kA	7 ^{1/2}	15	20
50-63A	630A*	63	CBC-1H-63A - 42KA	42kA	7 ^{1/2}	20	25
64-80A	800A*	80	CBC-1H-80A - 42KA	42kA	10	20	30
80-100A	1000A*	100	CBC-1H-100A - 42KA	42kA	10	30	40
<i>250 Amp Frame, 2F Adjustable</i>							
100-125A	5x thru 10x A	125	CBC-2H-125A - 42KA	42kA	15	40	50
125-160A	5x thru 10x A	160	CBC-2H-160A - 42KA	42kA	20	40	60
160-200A	5x thru 10x A	200	CBC-2H-200A - 42KA	42kA	25	60	75
200-250A	5x thru 10x A	250	CBC-2H-250A - 42KA	42kA	30	75	100

* CBC-1H has Fixed Magnetic Trip and adjustable thermal trip.
CBC-2H has Adjustable Thermal Trip and adjustable magnetic trip.

• High Load Endurance