

**STU type (Electronic trip unit)**

- 1 Rated current ( $I_n$ ) regulating knob  
6 steps: 0.5 / 0.6 / 0.7 / 0.8 / 0.9 / 1.0 x  $I_n$
- 2 Short time-limit current ( $I_m$ ) regualting knob  
7 steps: 2 / 3 / 4 / 5 / 6 / 8 / 10 x  $I_r$
- 3 Pre-alarm LED (PAL)  
• 70~110% x  $I_r$ : LED on & off  
• Over 110%: LED on
- 4 Frequency selection s/w  
• 50 or 60Hz (Default is 60Hz)

**General Description**

Series CBC L-E Breakers with Electronic Trip are in same frame size as CBC-2H (4.1", 105mm wide and 6.5", 165mm high.)

While cost for the electronic trip is higher, the advantage is adjustable short time trip through 7 steps down to 2 times the set continuous current, The interruption capacity (IC) ia also extremely high or 125kA at 240Volt and 85kA at 460Volt.

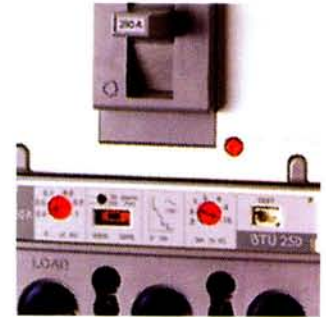
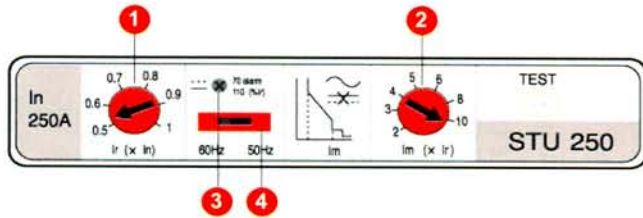
**Accessories:** Series CBC L-E use the same accessories and accessory kits as Series CBC-H.

These include:

- Extra Auxiliary Interlocks
- Alarm Trip Contacts
- Shunt Trip
- Undervoltage Trip

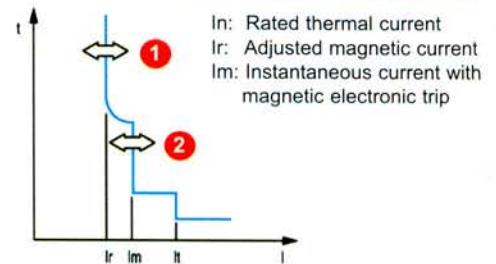
See page CBC-7 for accessory catalog numbers and prices.

**Dimensions:** The Series CBC L-E dimensions are identical to Series CBC-L.



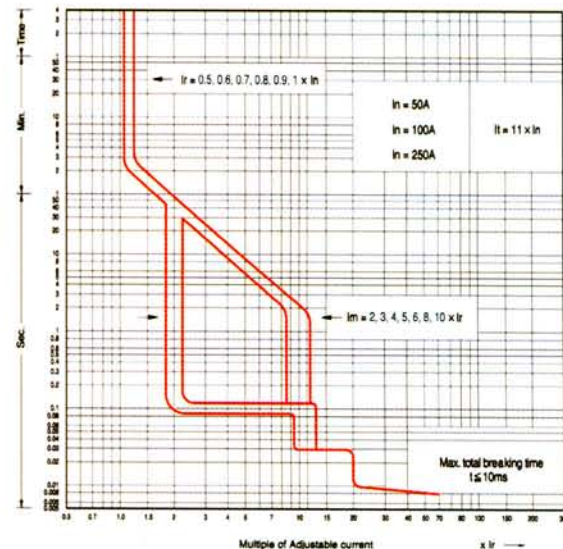
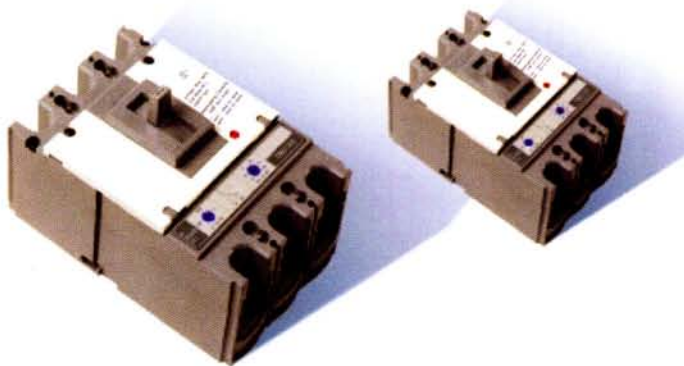
	Trip unit	STU50	STU100	STU250
Ranges of the $I_n$	0.5 x $I_n$	25	50	125
	0.6 x $I_n$	30	60	150
	0.7 x $I_n$	35	70	175
	0.8 x $I_n$	40	80	200
	0.9 x $I_n$	45	90	225
	1.0 x $I_n$	50	100	250

Ranges of the  $I_m$  2,3,4,5,6,8,10 x  $I_r$   
 Ranges of the  $I_t$  11 x  $I_n$



\* Default settings of the rated current and instantaneous current are Max. value.

**Electronic Trip Unit CBC-L 50E, 100E, 250E**



Check with factory for additional data on the electronic trip breaker.

Note)  $I_n$ : Rated current,  $I_r$ : Adjusted current,  $I_m$ : Short time limit current,  $I_t$ : Instantaneous current.