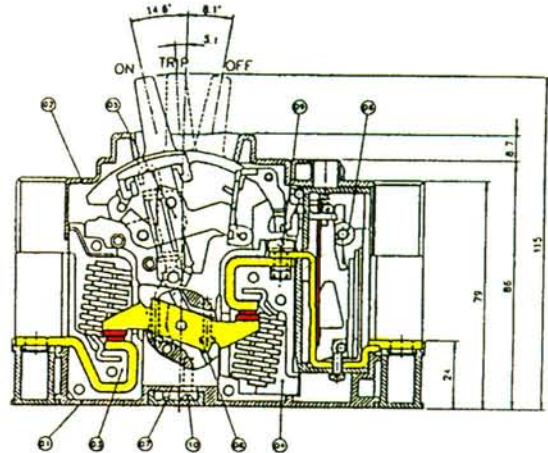


DESIGN BENEFITS

The most important design feature is the rotary contact assembly. To illustrate, note the cross section shown of the type CBC-1H (100Amp) Breaker and a photograph of the rotary contact switching head of the type CBC-2H (250Amp). The design is state of the art, for Current Limiting Breakers.

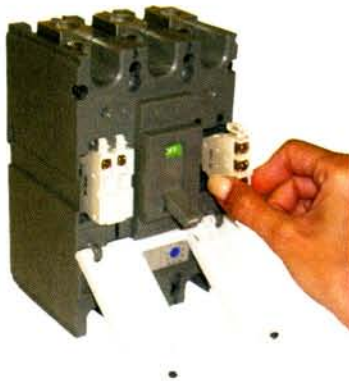
- **THE MOMENT OF INERTIA** of a rotating bridge is significantly lower than that of a breaker with a linear motion bridge. Therefore the reaction to short circuit currents is much faster, which leads to better current limiting as well as shorter arc duration and substantially lower i^2t - values.
- **THE SINGLE AXIS OF ROTATION** provides both the fast short circuit reaction time as well as the normal switching function time.
- **BRANCH CIRCUIT DISCRIMINATION.** Since the operation is fast, Series CB are excellent branch circuit protective devices, which can be used either as manual controllers with full (adjustable) motor protection or in conjunction with a contactor. Series CB provides good discrimination from upstream circuit breakers or fuses as test oscillographs demonstrate. See page CBC-13 for time/current curve.

The extra discrimination can be very helpful in **machine panel systems**.



CBC-H - 100A Cross Section

Easy to install accessories



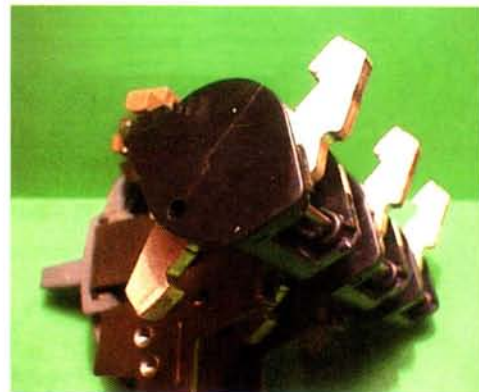
- Trip Alarm Auxiliary
- Indicating Auxiliaries (On/Off)
- Shunt Trip Relay
- Undervoltage



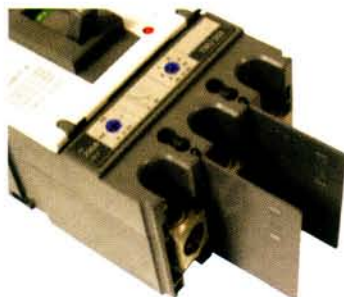
- Easy to install and replace cassette type accessories.
- Common use of the general internal accessories Field Kits (AX, AL, SHT, UVT) : 100A / 250A common use.

NEW COMPACT DESIGN!

Actual Rotating Bridge shown below

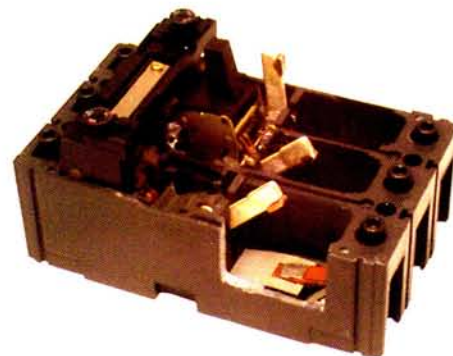


CBC-H, 250A Rotary Contact Mechanism



Ring Connection Compatible

RING TERMINALS can be easily added to any CBC Series Breaker



OLD Competitors Designs, Complex with mult parts and not thermal adjustable.

Insulator Barriers

- Supplied as "Standard" to provide additional line to line protection not required for UL compliance.