

### Circuit Breaker Time/Current Curves

#### Series C® J-Frame Circuit Breakers Equipped with Type JT Thermal-Magnetic Trip Unit

Catalog Type JDC Circuit Breakers, 2, 3 and 4 Poles

For application and coordination purposes only. Thermal calibration based on 40°C ambient, cold start. Connected with four (4) feet of rated wire (60°C up to 125 amps, 75°C above 125 amps) per terminal. Tested in open air with current in all poles. Instantaneous calibration based on single-pole tests.

**Maximum Voltage**  
600 V., Ac (50/60 Hz.)  
250 V., Dc

**Breaker Rating**  
Rated Amperes ( $I_n$ )

Instantaneous Trip Amperes (See Figure Below)

70, 90, 100, 125, 150, 175, 200, 225, 250

500 to 1000% of trip unit rating. (Dc values are approximately 40% higher)

**Interrupting Rating**

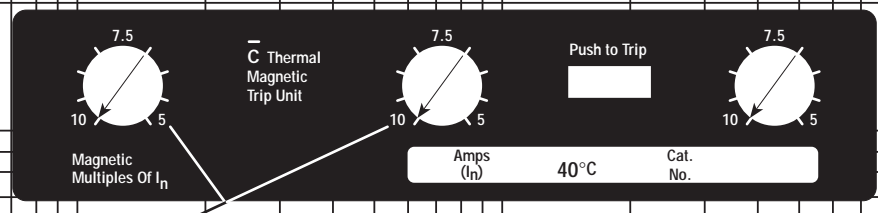
Breaker Type	UL/CSA			kA, Dc
	RMS Sym. kA, 50/60 Hz.			
JDC	200	100	35	250 V.
	IEC 157-1 (P1)			kA, Dc
JDC	RMS Sym. kA, 50/60 Hz.			250 V., ( $U_e$ )
	200	100	100	415 V., ( $U_e$ )

**Notes**

- For additional information on the trip unit, see IL 29C600.
- For  $I^2t$ ,  $I_p$  and threshold values, see AD 29-166.

① Single pole test data at 25°C based on NEMA Procedures (AB 4-1991) for verifying performance of molded case circuit breakers.

Typical Trip Unit Nameplate



Individual Pole Adjustments

Adjustable Magnetic Trip

±20% 5X ±10% 10X

Maximum Interrupting Time

600 V., Ac

480 V., Ac

240 V., Ac

Interrupting Rating Determines End of Curve