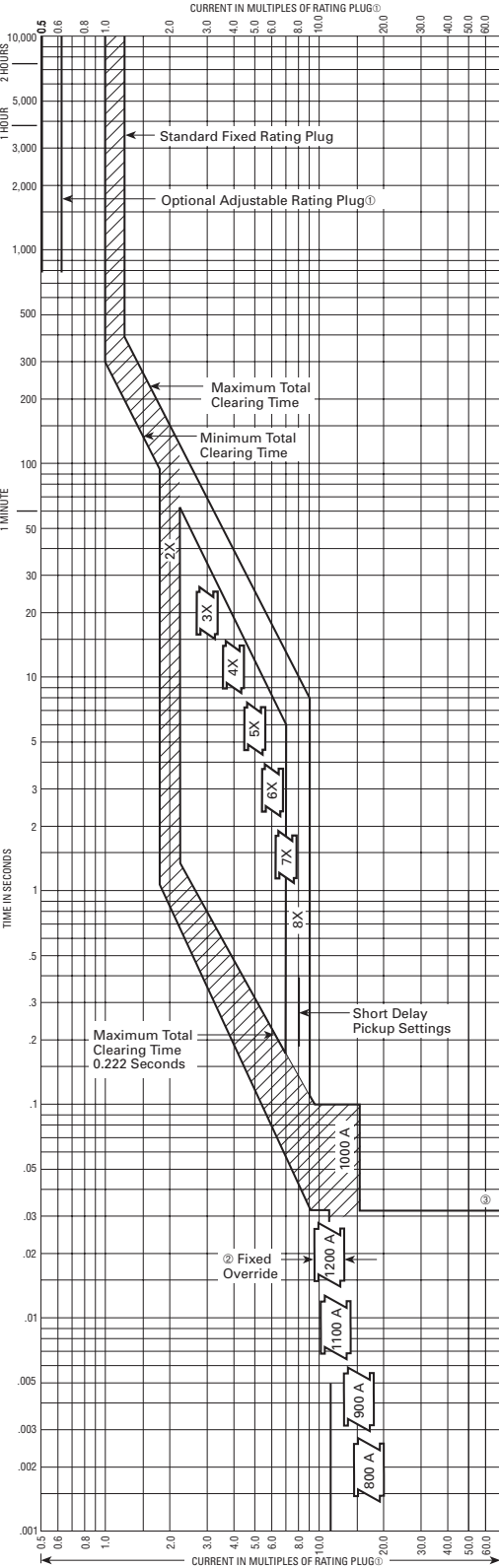




AB DE-ION Circuit Breakers

Types NC, NCG; MARK 75 Types HNC, HNCG; 800-1200 Amperes, 2-3 Poles



Circuit Breaker Time/Current Curves

Types NC, NCG, HNC, HNCG Breakers, Two and Three Poles
Westinghouse Electric Corporation

Curve accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambients above +40°C refer to Westinghouse.

Breaker Ratings
Maximum Ac Volts 600, 50/60 Hz

Continuous Amperes	Short Delay Pickup Settings
800-1200	2x to 8x rating plug value with calibration settings as shown on curve (Tolerance ±10%)

Interrupting Rating (UL/CSA Listed)

Breaker	Symmetrical RMS Amperes	600 Volts
Frame	240 Volts	480 Volts
NC, NCG	42,000	30,000
HNC, HNCG	65,000	50,000

Rating Plugs Available

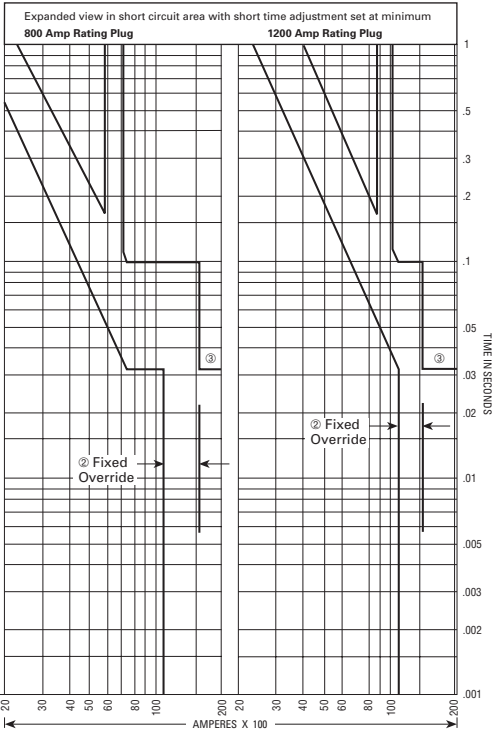
Continuous Amperes	Range of Adjustment
1200 Amps	Fixed 100%
1200 Amps	50 - 100% ①
1100 Amps	Fixed 100%
1100 Amps	70 - 100% ①
1000 Amps	Fixed 100%
1000 Amps	70 - 100% ①
900 Amps	Fixed 100%
900 Amps	70 - 100% ①
800 Amps	Fixed 100%
800 Amps	75 - 100% ①

① When adjustable rating plugs are used, short delay pickup settings track the selected position of the adjustable rating plug. For example, with an adjustable 1200 Amp rating plug set at 50%, and the short delay pickup set at 4x, the short delay pickup is 1200 x 50% x 4 = 2400 Amps.

② For high fault current levels, a fixed instantaneous override is provided. The trip level for each rating plug is shown. (Tolerance ±15%)

③ The end of the curve is determined by the interrupting rating and/or the specific application.

④ For ground fault time-current characteristics of NCG and HNCG, see curve No. SC-3606-61.



Curve No. SC-3605-81A