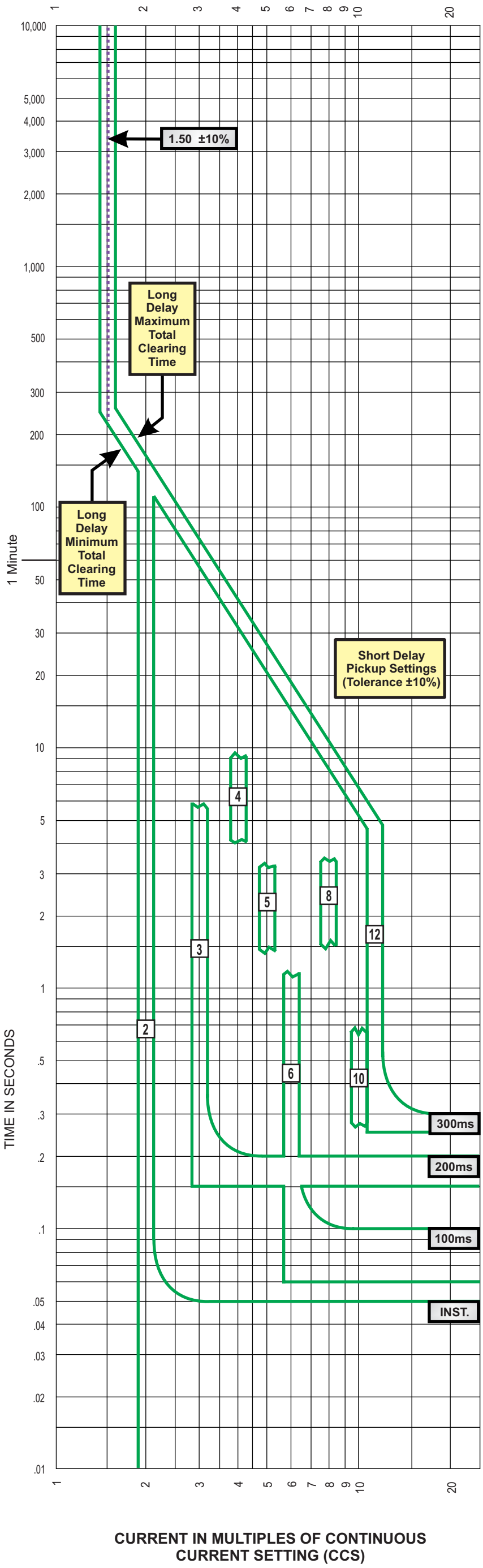
EATON | Cutler-Hammer

Curve Number: TC01208006E
July 2008



Circuit Breaker Time / Current Curves (Phase Current)

AQB-L803

Available Rating Plugs

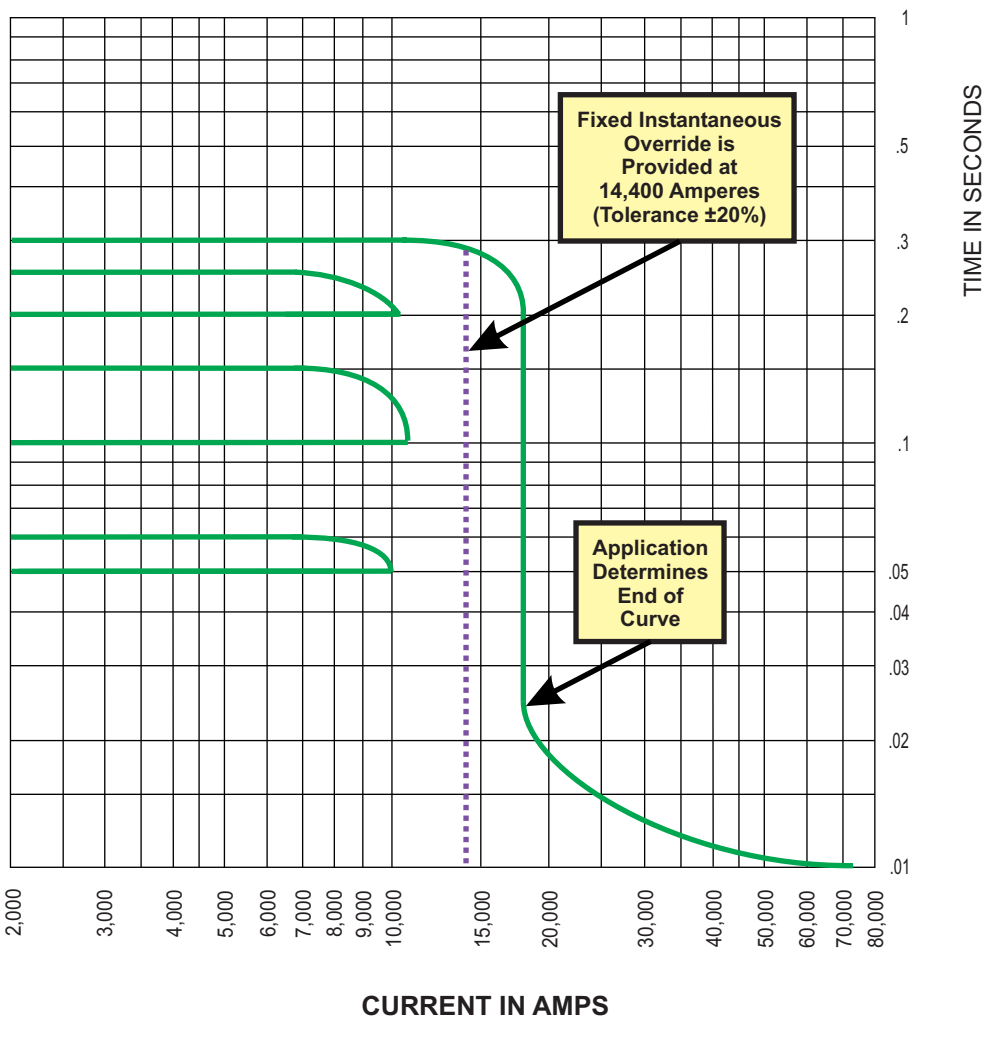
Continuous Current Setting (CCS)	Type	Rating Plug Style #	Short Delay Pickup Range (Amperes)	Frequency (Hertz)
400, 500, 600, 650 500, 600, 700, 800	Adjustable Adjustable	6644C74G64 6644C74G63	800-7800 1000-9600	60 or 400 60 only

Notes:

1. Curve accuracy applies from -20°C to +55°C ambient. For possible continuous ampere derating for ambient above 50°C, refer to the Eaton Corporation.
2. For high fault current level, a fixed Instantaneous Override is provided at 14,400A. (tolerance ±20%)
3. The end of the curve is determined by the interrupting rating of the circuit breaker.
4. The AQB - L803 is suitable for functional field testing with Test Kit (Catalog # STK2).
5. Calibration response in Short Delay Pickup range is the same for one, two or three poles in series.
6. There are memory effects that can act to shorten the Long Delay. The memory effects come into play if a current above the Long Delay Pickup value exists for a time and then is cleared by the tripping of a downstream device or the circuit breaker itself.

   A subsequent overload will cause the circuit breaker to trip in a shorter time than normal. The amount of time delay reduction is inverse to the amount of time that has elapsed since the previous overload.

   Approximately five minutes are required between overloads to completely reset the memory.



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