

Series C J-Frame

70-250 amperes, 240-600 volts

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Note:

Time/Current characteristic curves for Series C J-frame circuit breakers—voltages shown in curve headings are maximum at which the breaker may be applied. Interrupting capacity of individual breaker is tabulated on each curve.

Note:

The following curves are UL489 Listed for use in North America.
The following circuit breakers are derived from Eaton, Westinghouse, or Cutler-Hammer history.

Time Current Curves are engineering reference documents for application and coordination purposes only. For field testing molded case circuit breakers, refer to NEMA AB 4 guidelines.



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Catalog Number Selection

This information is presented only as an aid to understanding catalog numbers. It is not to be used to build catalog numbers for circuit breakers or trip units.

Table 1. Trip Unit

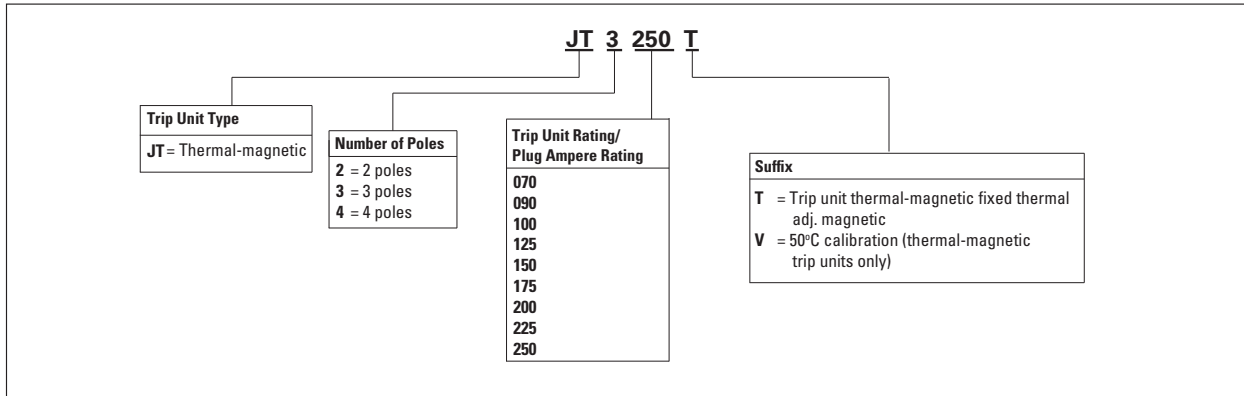
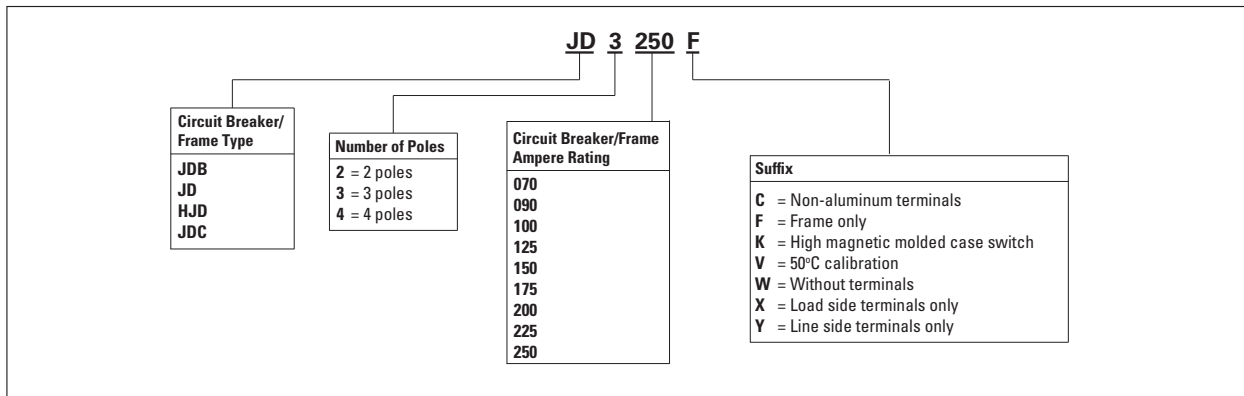


Table 2. Circuit Breaker/Frame



Series C types JDB, JD, HJD equipped with type JT thermal-magnetic trip unit

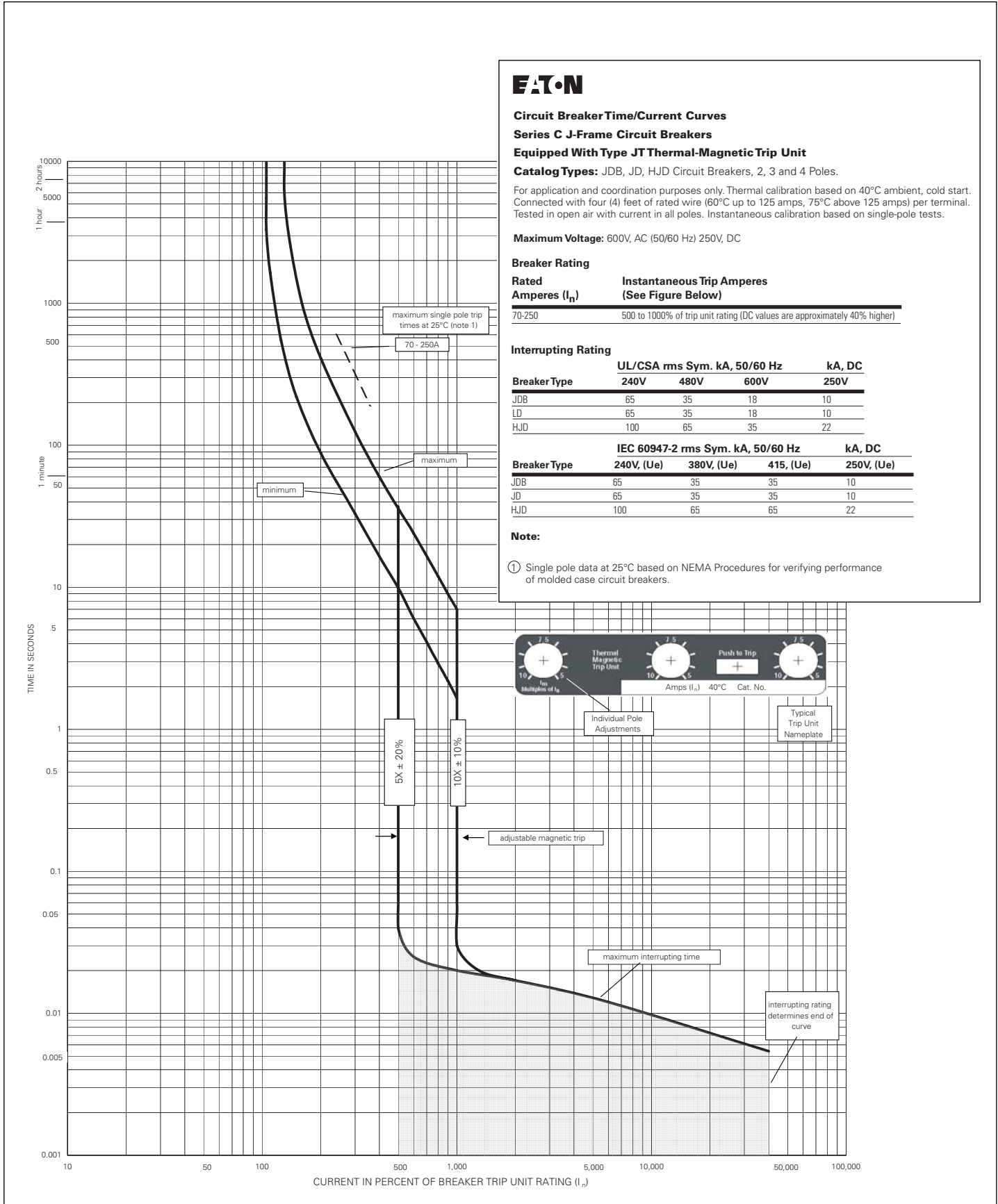


Figure 1. JDB, JD, HJD 2, 3 and 4 Poles - Curve Number SC-4247-87D, June 2006

Series C type JDC equipped with type JT thermal-magnetic trip unit

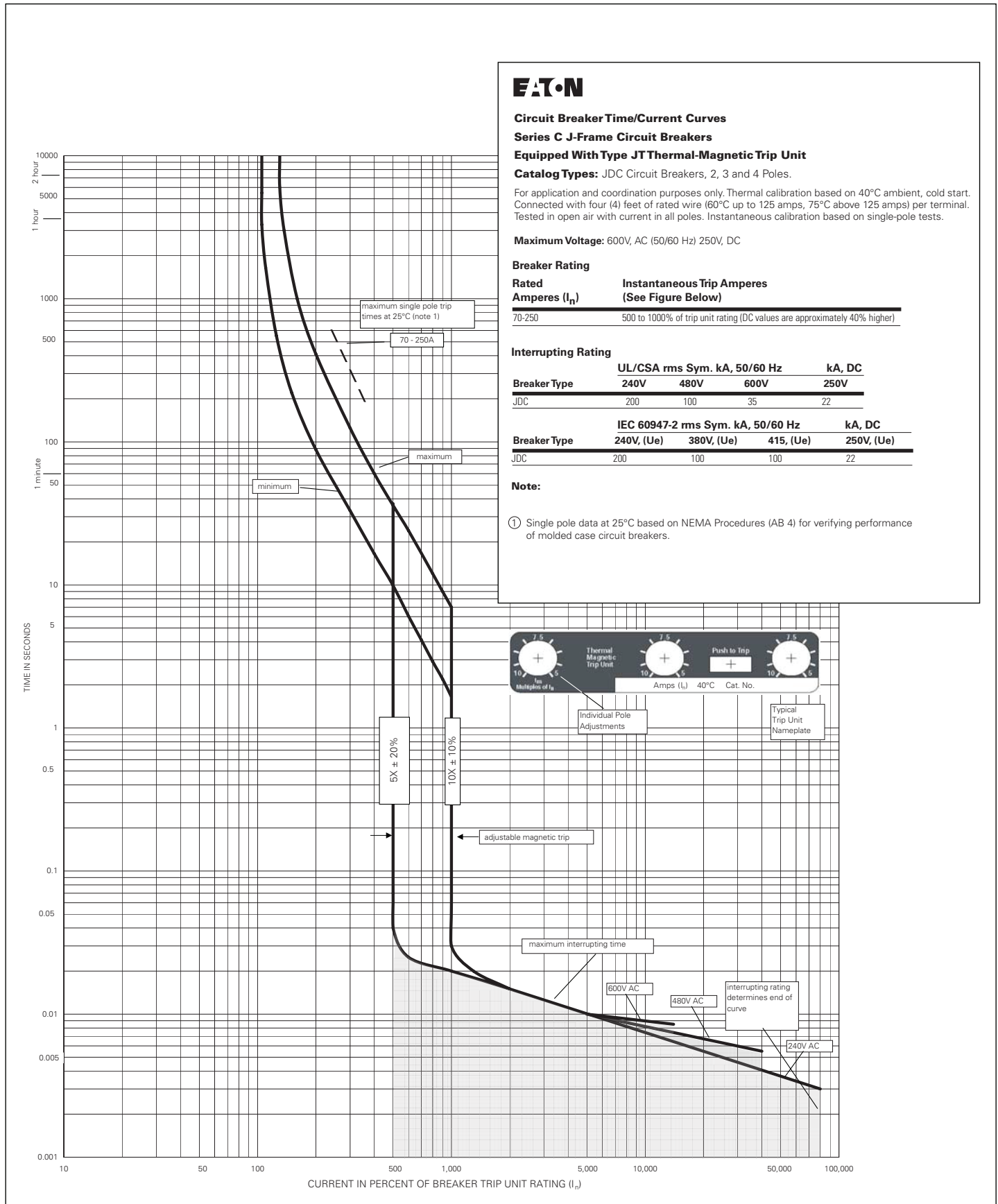


Figure 2. JDC 2, 3 and 4 Poles - Curve Number SC-4248-87C, June 2006

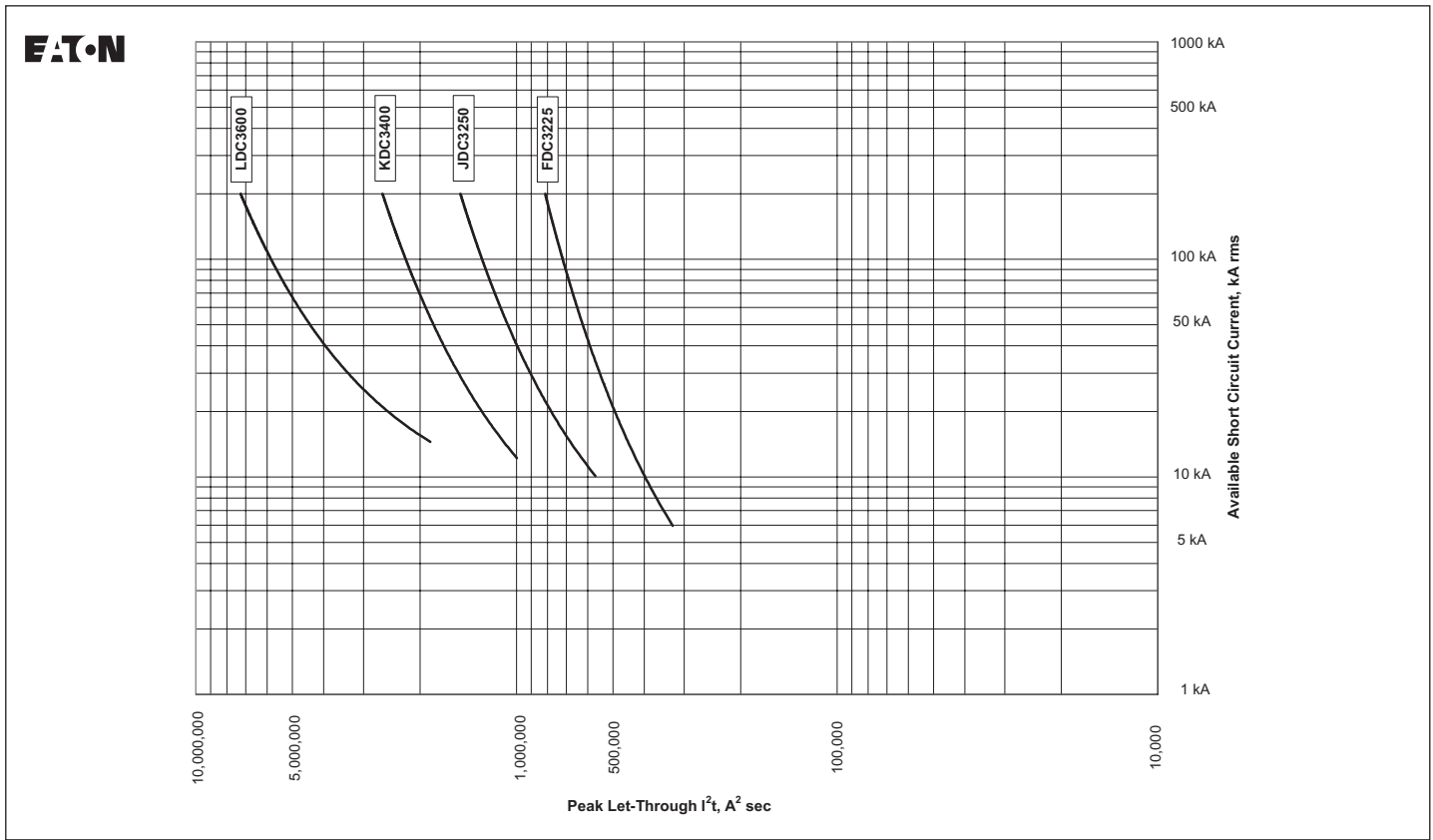


Figure 3. Peak Let-Through I^2t Curve — 240 V - Curve Number AD-29-166A

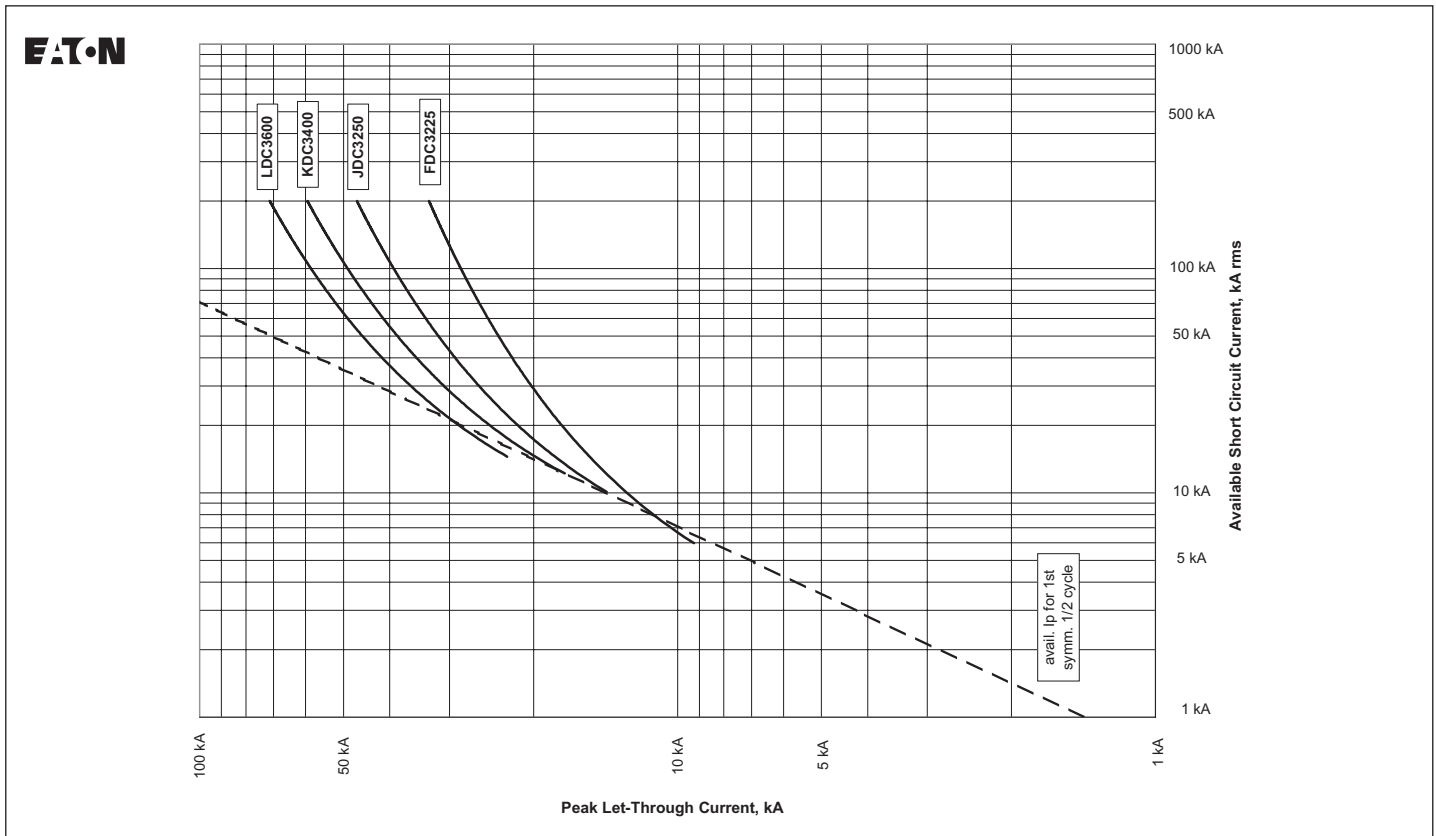


Figure 4. Peak Let-Through Current Curve — 240 V - Curve Number AD-29-166A

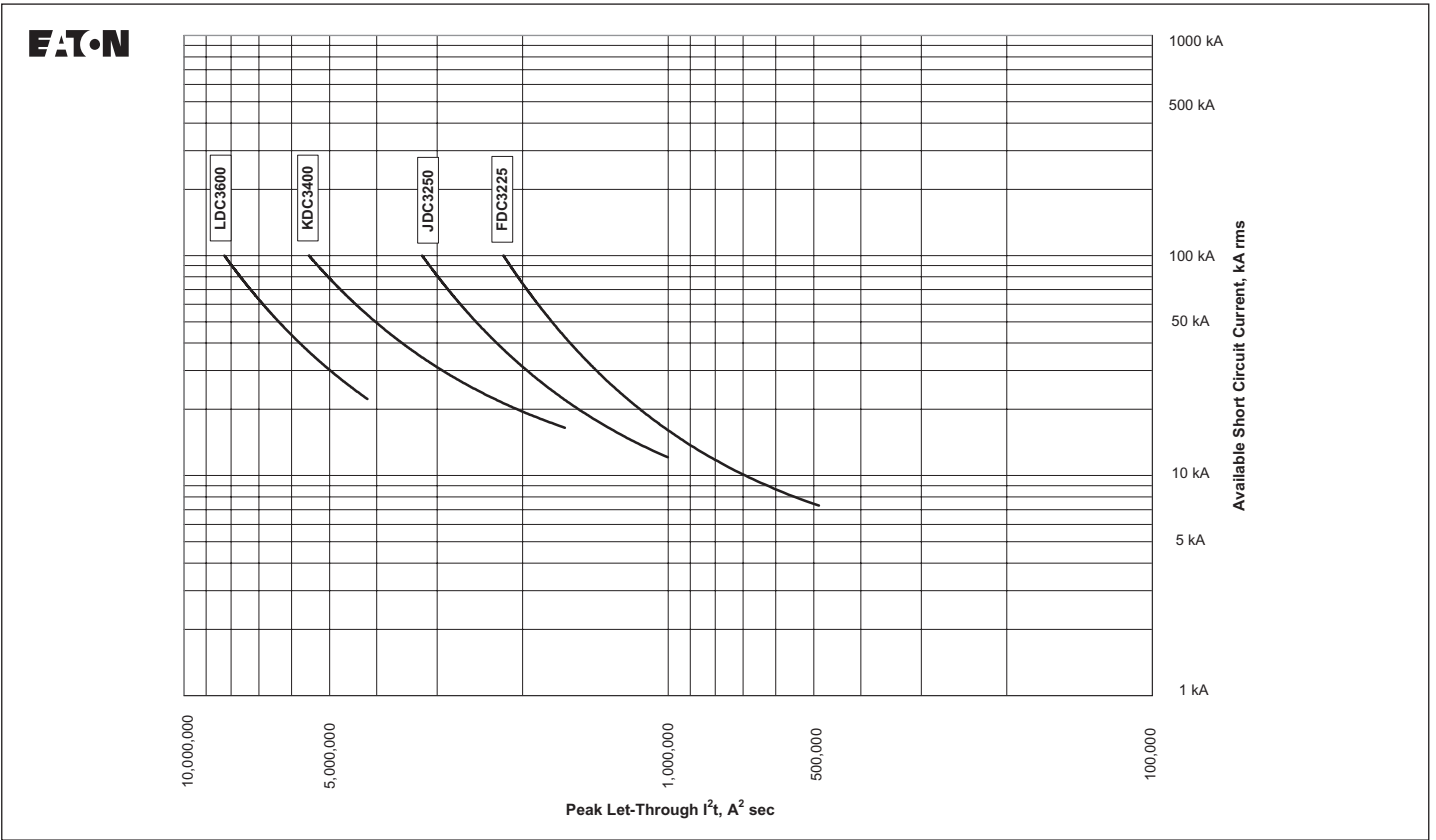


Figure 5. Peak Let-Through I^2t Curve — 480 V - Curve Number AD-29-166B

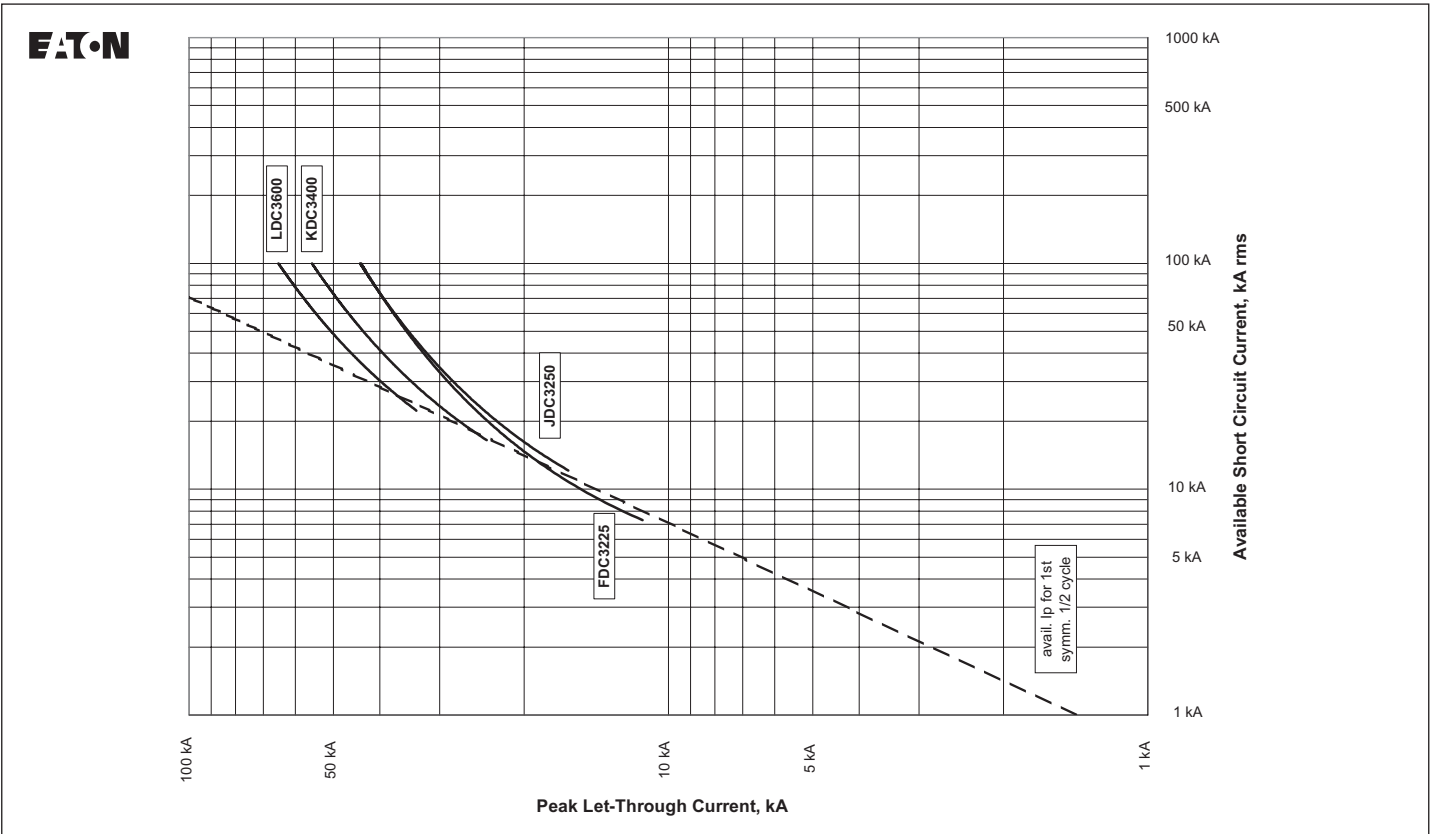


Figure 6. Peak Let-Through Current — 480 V - Curve Number AD-29-166B

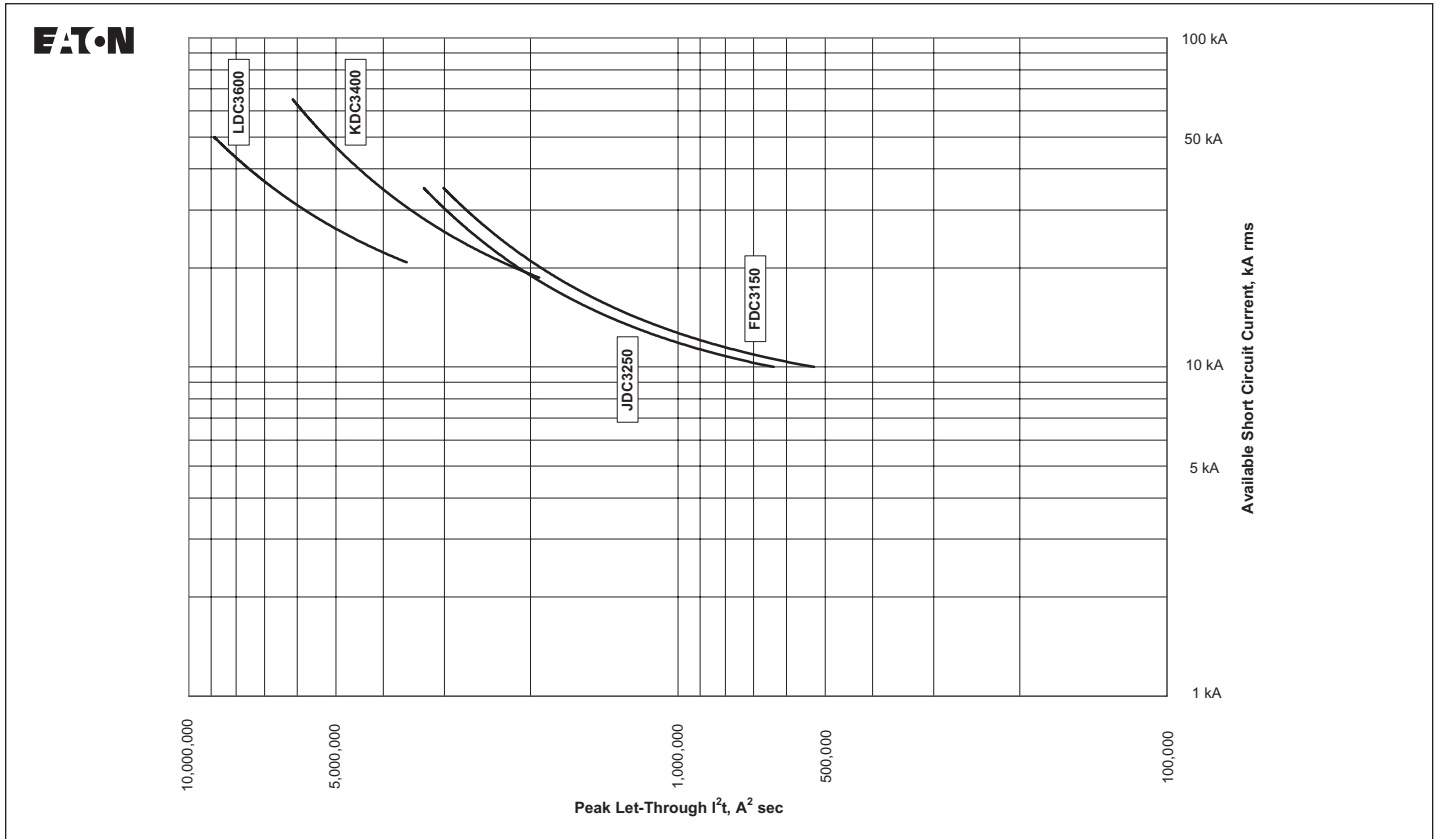


Figure 7. Peak Let-Through I^2t — 600 V - Curve Number AD-29-166C

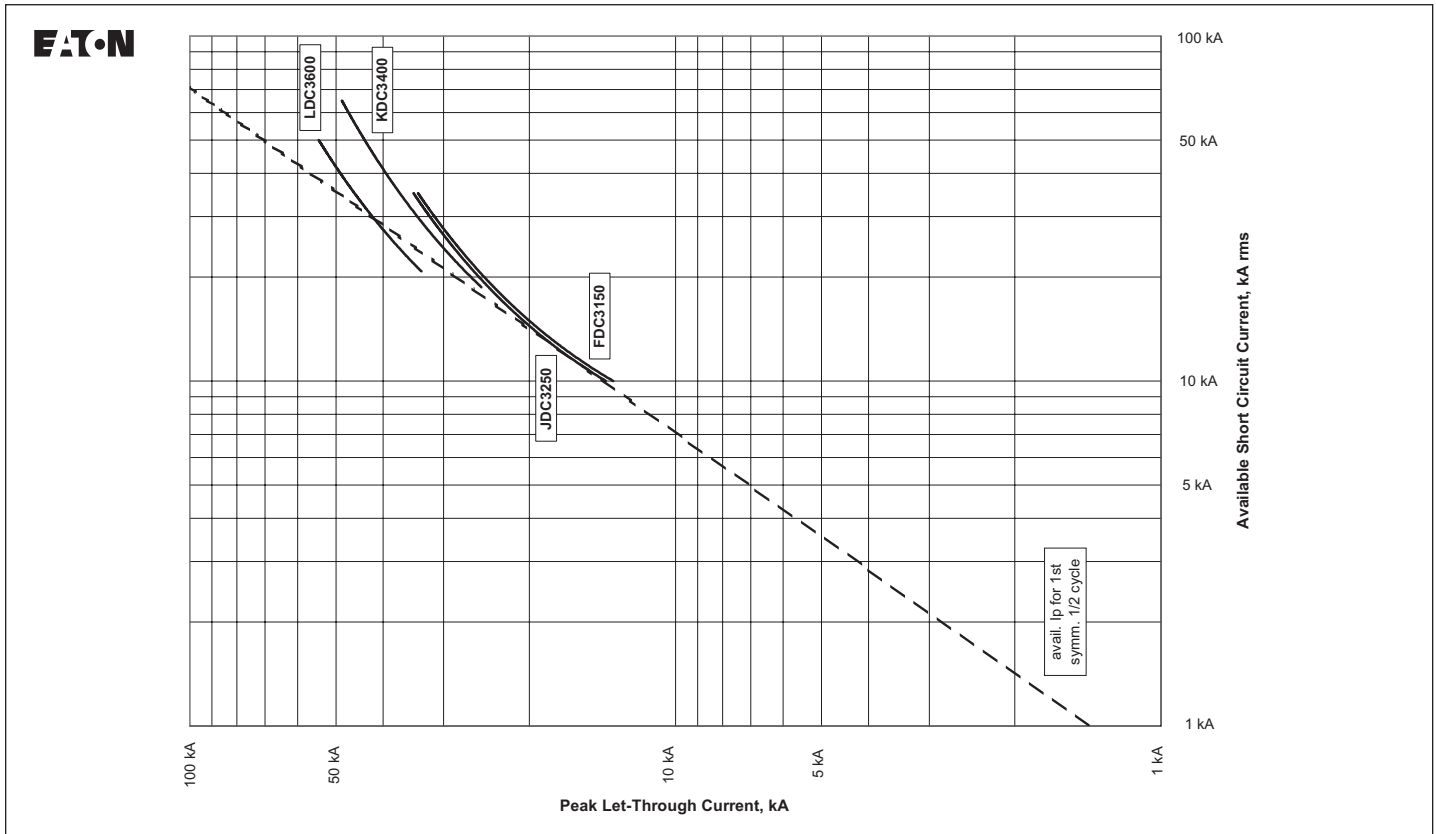


Figure 8. Peak Let-Through Current — 600 V - Curve Number AD-29-166C

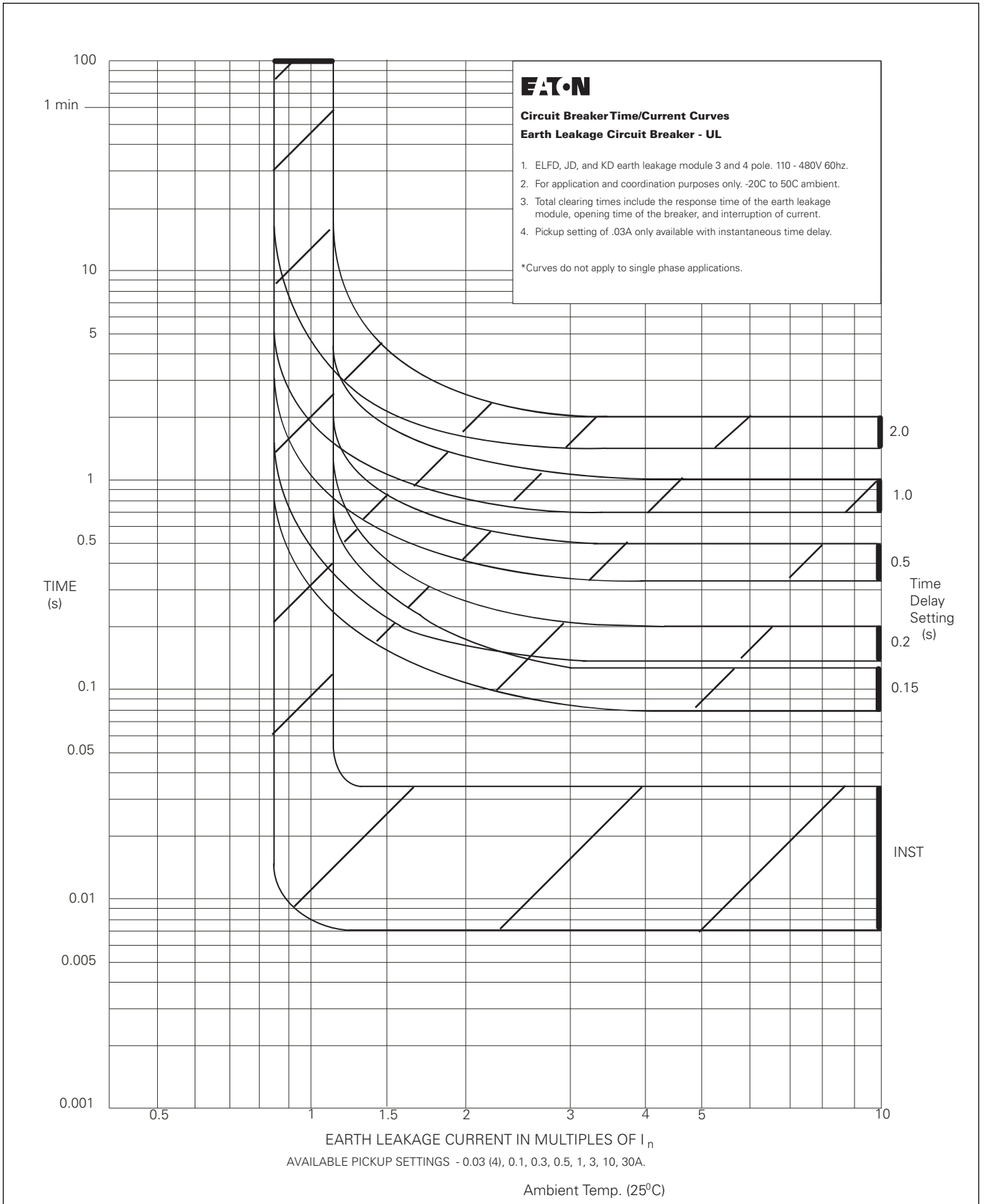


Figure 9. UL Series C K-Frame Circuit breaker Earth Leakage Module, 110-480V - Curve Number TC01212005E, March 2003

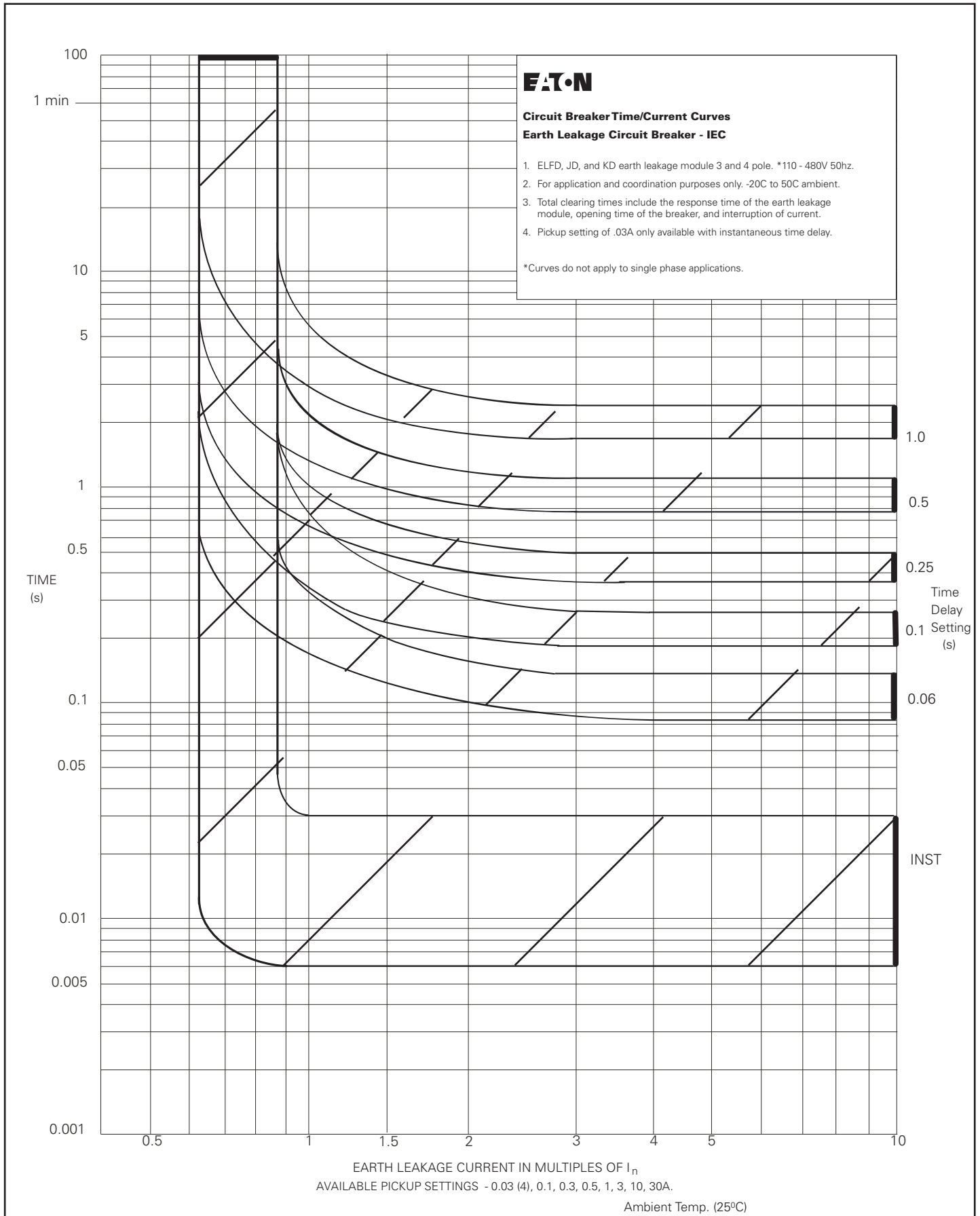


Figure 10. IEC Series C K-Frame Circuit breaker Earth Leakage Module, 110-480V - Curve Number TC01212006E, March 2003

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