



Circuit Breaker Time /Current Curves (Ground Current)

Magnum and Magnum DS Circuit Breakers
Response: Ground Trip (FLAT & IT)
This curve is for 50Hz or 60Hz applications.

Notes:

- 1.The end of the curve is determined by the interrupting rating of the circuit breaker.
- 2.For phase current time/current curves, see 70C1006 and 70C1007.
3. The curve is shown as a multiple of the Rating Plug (I_n).
4. The ground fault settings have conventional 100% ± 10% as the pickup points.
5. Except as noted tolerances on current level are ± 10% of values shown in chart.
6. The ground fault pick up is limited to 1200A setting for non international styles.
7. The rating plug is for 50Hz and 60Hz applications.
8. With zone interlocking on ground fault utilized and no restraining signal, the minimum time band applies regardless of setting.
9. For additional curve tolerances contact Cutler-Hammer.
10. Total clearing times shown include the response time for the trip unit, the breaker opening and the current interruption.
11. Breakpoint back to FLAT response indicated by dot occurs @ 0.625x I_n for upper line of IT curve

