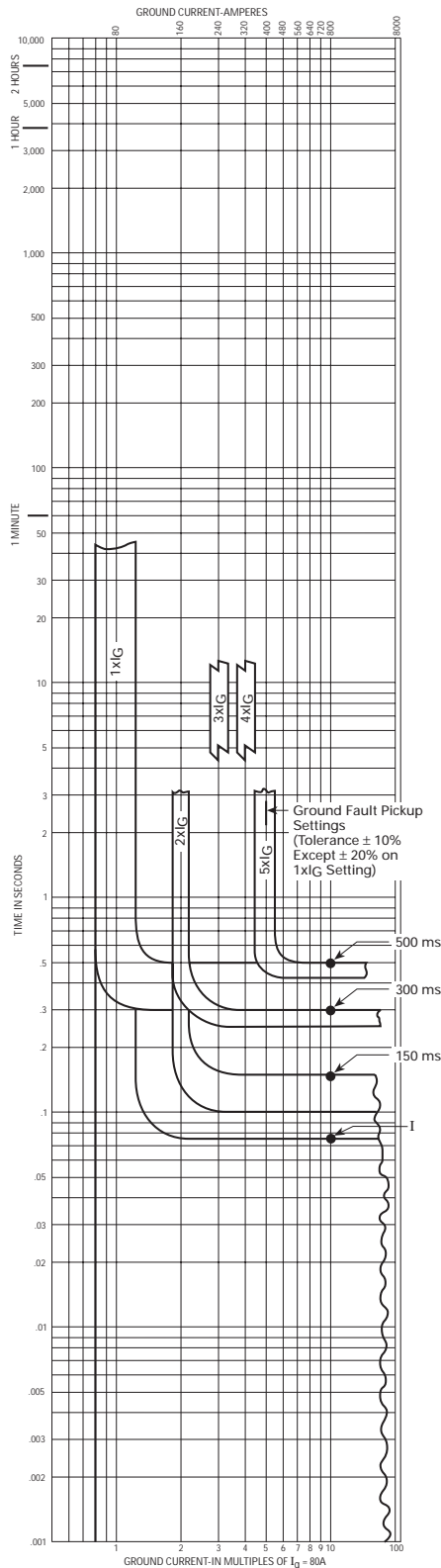




AB DE-ION Circuit Breakers

Ground Fault Protection (KES3400LSG, KES3400LSIG)



Circuit Breaker Time/Current Curves (Ground Current) ①

**Series C⁺ K-Frame Circuit Breakers
Equipped With Type KES Digtrip RMS 310 Trip Units
For Ground Fault Protection**

Type Digtrip RMS 310 Trip Unit for use with Circuit Breaker Types KD, HKD, KDC, CKD, and CHKD
For use with Trip Unit Catalog Numbers
KES3400LSG
KES3400LSIG

<p>Digtrip RMS 310 Rating Plug</p> <p>Cat. In Engaged Remove</p> <p>Push to Trip</p>	<p>Short Delay</p> <p>Pickup $\times I_g$ Time \times ms</p> <p>4 5 6 7 300 500</p> <p>3 2 1 INST</p> <p>Digtrip RMS 310 Trip Unit 40°C</p> <p>$I_g = 80A$</p>	<p>Ground Fault</p> <p>Pickup $\times I_g$ Time \times ms</p> <p>4 5 6 7 300 500</p> <p>3 2 1 INST TEST</p>
<p>Digtrip RMS 310 Rating Plug</p> <p>Cat. In Engaged Remove</p> <p>Push to Trip</p>	<p>Short Delay</p> <p>Pickup $\times I_g$ Time \times ms</p> <p>4 5 6 7 300 500</p> <p>3 2 1 INST</p> <p>Digtrip RMS 310 Trip Unit 40°C</p> <p>$I_g = 80A$</p>	<p>Ground Fault</p> <p>Pickup $\times I_g$ Time \times ms</p> <p>4 5 6 7 300 500</p> <p>3 2 1 INST TEST</p>

Notes
Curve accuracy applies from $-20^{\circ}C$ to $+55^{\circ}C$ ambient. For possible continuous ampere derating for ambient above $40^{\circ}C$, refer to Cutler-Hammer.

Digtrip RMS 310 trip units are suitable for functional field testing with test kit Cat. No. STK2. For field testing using primary injection methods, follow NEMA publication AB-4-1991.

① For phase time/current curves see SC-5638-93, SC-5639-93, SC-5644-93, or SC-5645-93.