

# Trip Curve

## IEC-RI-10PU<sup>(1)</sup>

### Rapid Inverse

3000TC

$$t_d(I) = \frac{1}{0.339 - 0.236\left(\frac{I}{I_s}\right)^{-1}} \times \frac{T}{3.1706}$$

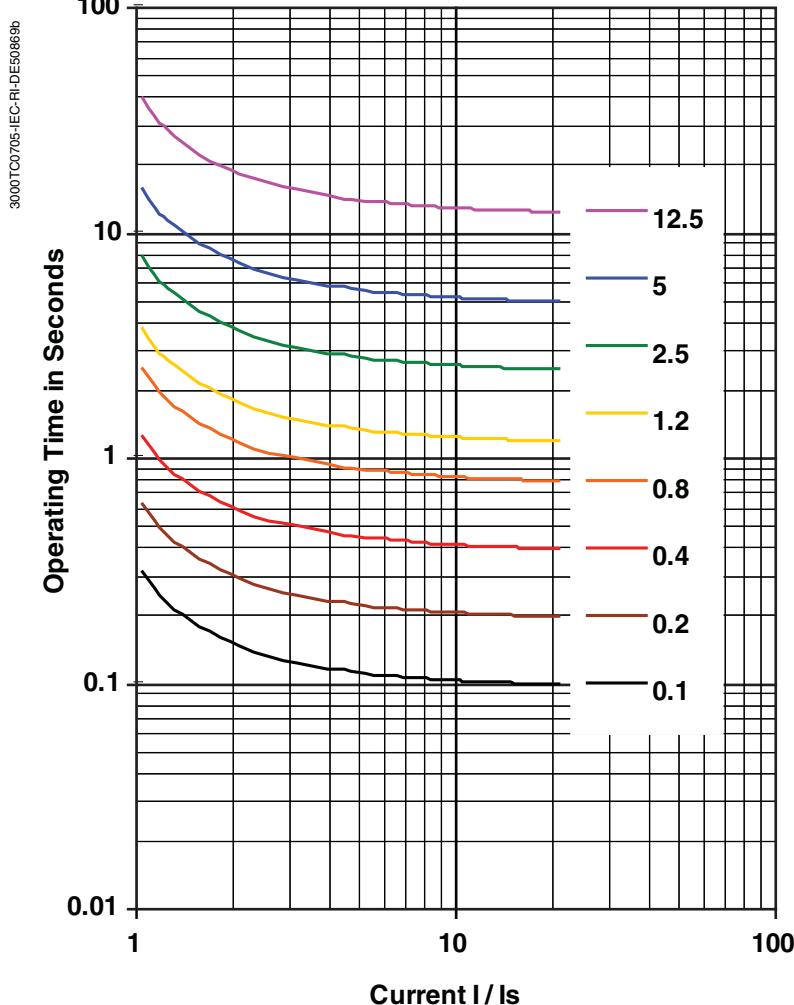
where:

$t_d$  = Operate time (sec)

T = time setting (sec) at  $I/I_s = 10$

#### NOTES:

- (1) The following minimum operate thresholds ( $I/I_s$ ) apply:  
SIT, VIT, LTI, EIT, UIT @  $I/I_s = 1.2$   
RI, IAC-SIT, IAC-VIT, IAC-EIT @  $I/I_s = 1.0$   
SIT-A, VIT-B, LTI-B, EIT-C, IEEE MI, IEEE VI, IEEE EI @  $I/I_s = 1.1$
- When the monitored value is more than 20 times the set point, the tripping time is limited to the value corresponding to 20 times the set point.
- If the monitored value exceeds the measurement capacity of Sepam™ (40 IN for the phase current channels, 20 INr for the residual current channels), the tripping time is limited to the value corresponding to the largest measurable value (40 IN or 20 INr).



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