

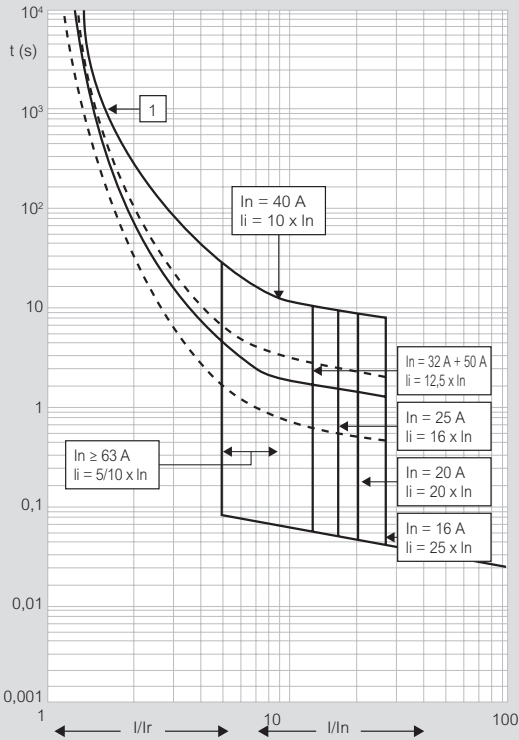
DRX™ 250 HP

tripping curves

Curves

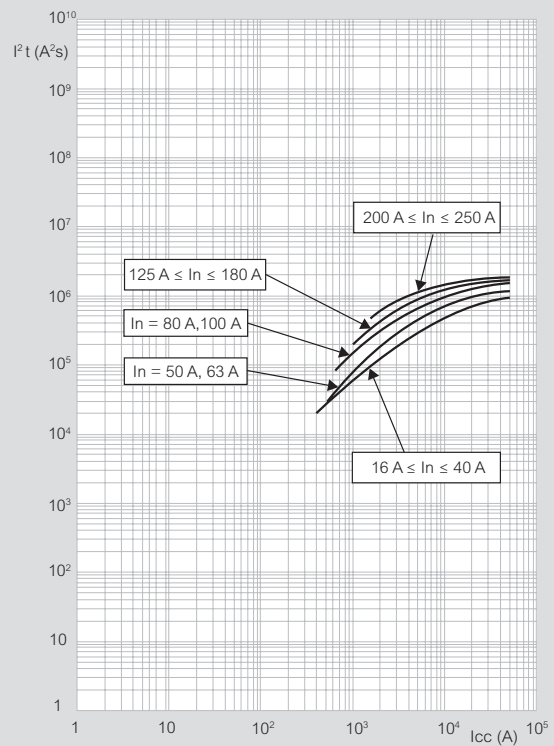
Thermal magnetic tripping curve

$I_{cu} = 25/36/50 \text{ kA}$ $I_{max} = 250 \text{ A}$ 3P - 4P $U_e = 415 \text{ V} \sim$



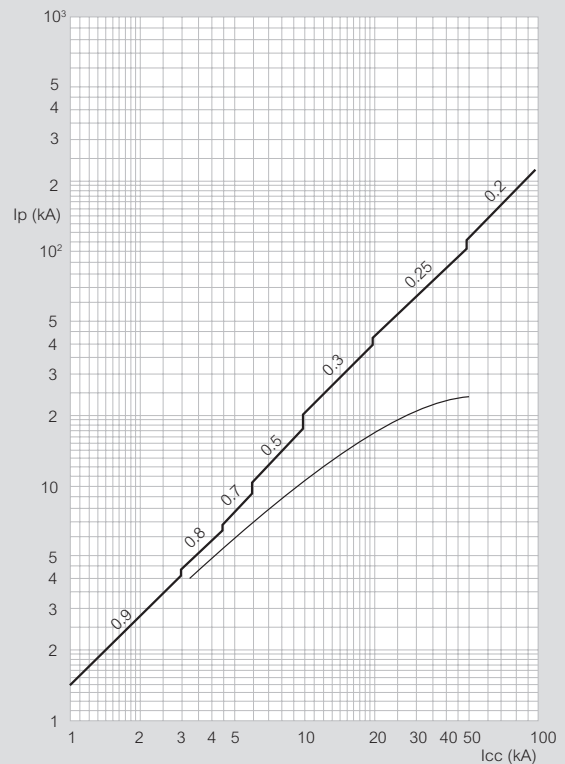
t = time
 I = rated current
 I_n = rated current
 I_i = long time setting current
 curve 1 = characteristic with cold start
 curve 2 = characteristic with hot start

Pass-through specific energy characteristic curve



I_{cc} = estimated short circuit symmetrical current (RMS value)
 $I^2t \text{ (A}^2\text{s)}$ = pass-through specific energy

Cut-off peak current characteristic curve (kA)



I_{cc} = estimated short circuit symmetrical current (RMS value)
 I_p = maximum short circuit peak current
 — maximum prospective short circuit peak current corresponding at the power factor
 - - - maximum real peak short circuit current by contact limiting effect