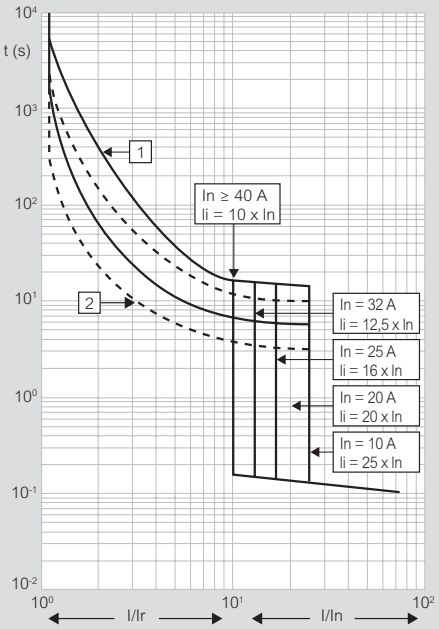
Curves

Thermal magnetic tripping curve (In = 16 A - 80 A)

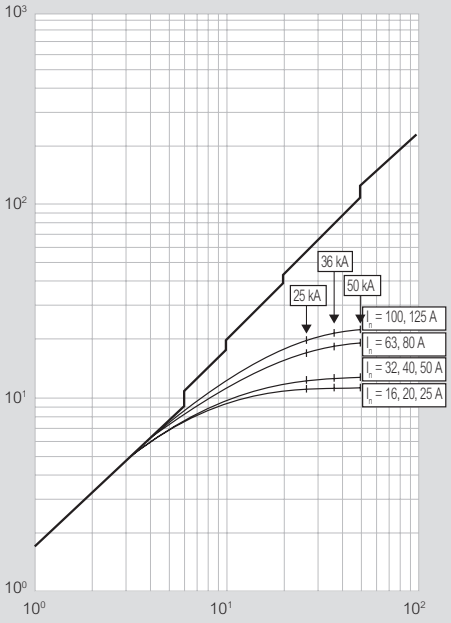
I_{cu} = 25 / 36 / 50 kA I_{max} = 80 A 3P - 4P U_e = 415 V~



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

Cut-off peak current characteristic curve (kA)

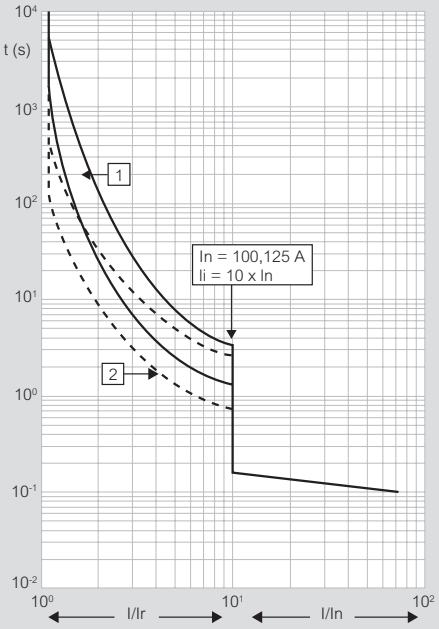
I_{cu} = 25 / 36 / 50 kA I_{max} = 125 A 3P - 4P U_e = 415 V~



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

Thermal magnetic tripping curve (In = 100 A - 125 A)

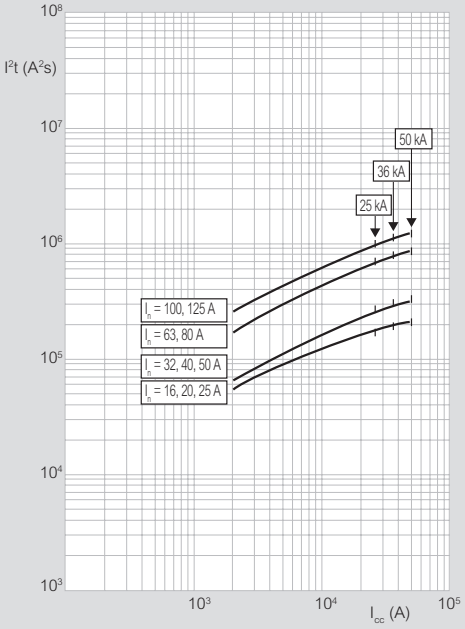
I_{cu} = 25 / 36 / 50 kA I_{max} = 125 A 3P - 4P U_e = 415 V~



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

Pass-through specific energy characteristic curve

I_{cu} = 25 / 36 / 50 kA I_{max} = 125 A 3P - 4P U_e = 415 V~



I_{cc} = short circuit current
I^2t (A^2s) = pass-through specific energy