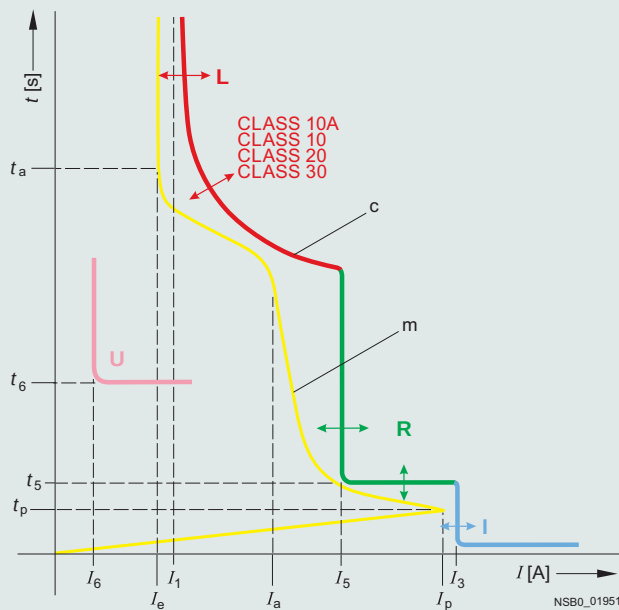


Characteristic curves

Example characteristic of a 3RV10 molded case motor starter protector with electronic trip unit for motor protection (TU 4)



- I_1 = Tripping current for protection function L
- I_3 = Tripping current for protection function I
- I_5 = Tripping current for protection function R
- t_5 = Tripping time for protection function R
- I_6 = Tripping current for protection function U
- t_6 = Tripping time for protection function U
- I_e = Rated operational current of motor
- I_a = Starting current of motor
- I_p = Peak value of subtransient starting current
- t_a = Starting time of motor
- t_p = Duration of subtransient starting phase
- m = Typical starting characteristic of the motor
- c = Example of a tripping characteristic for a motor starter protector with electronic trip unit

TU = trip unit.