Andhra Pradesh State Skill Development Corporation

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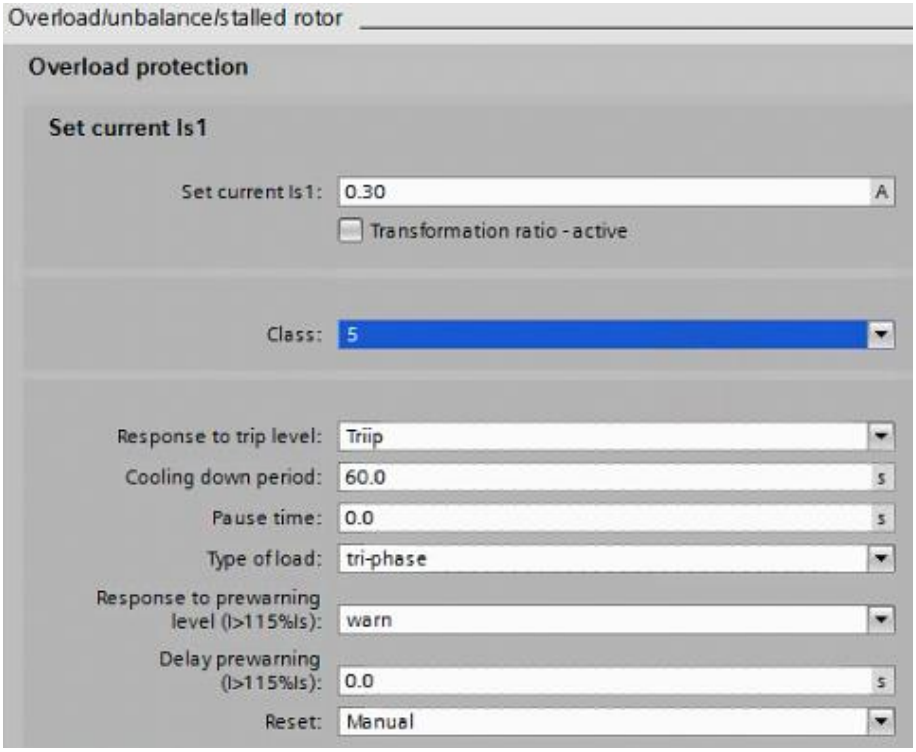
Basics of induction Motors

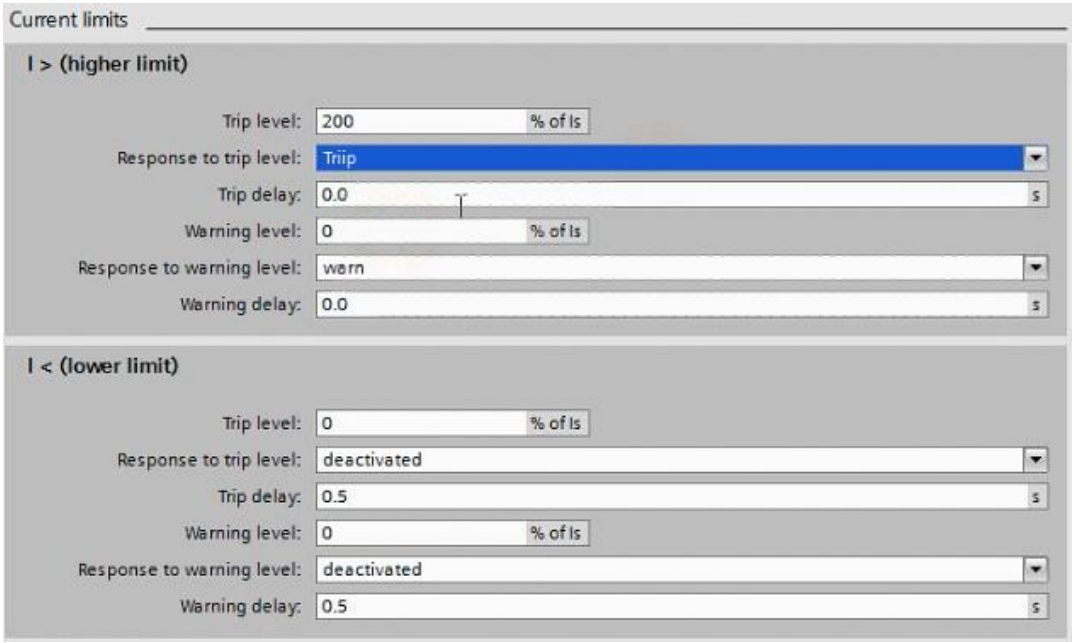
Tasks of SIMOCODE - RDOL
Connection and over load fault

Over Load/Unbalancd/Stalled protection of SIMOCODE in TIA portal:



Over load protection can be done for different tripping classes and different ranges.

Upper/Lower current limit violation of SIMOCODE in TIA portal:

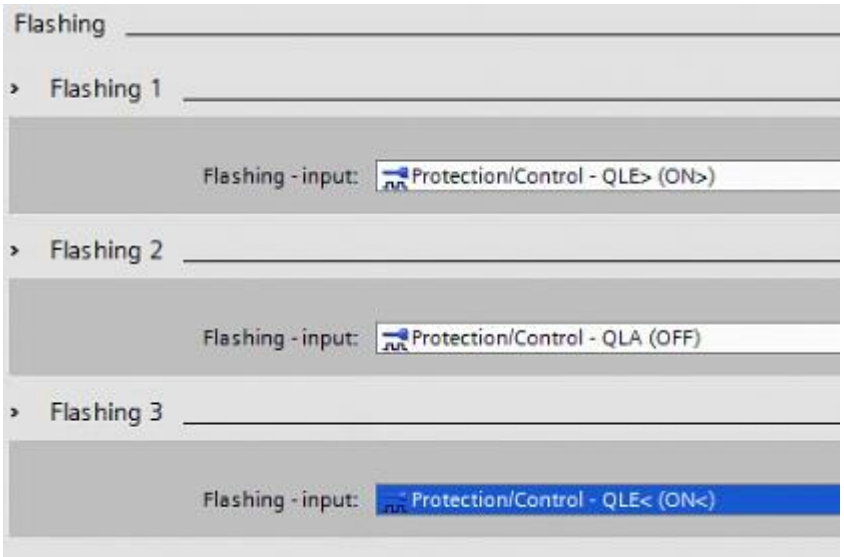


Upper/Limit current violation will give signal/warning/Tripping when current limit is violated.

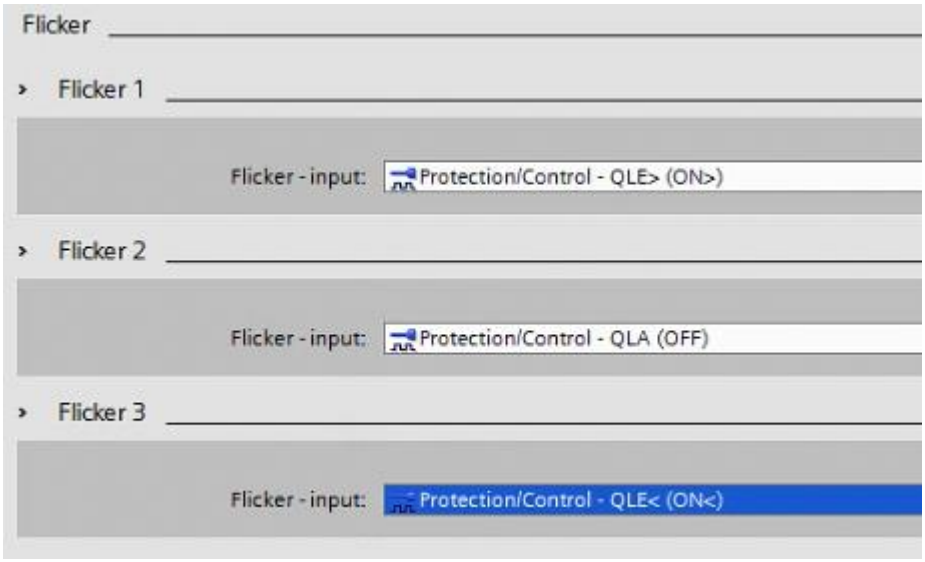
Indication LEDs:

The LEDs will glow depending on the condition of the motor (ON/OFF)

Flashing/Flickering:

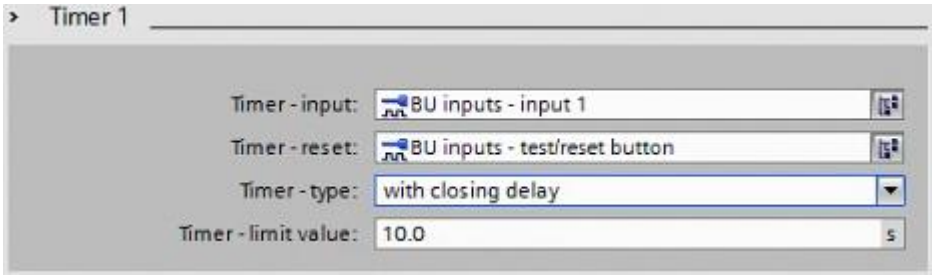


The LEDs will flash depending on the condition of the motor (ON/OFF)

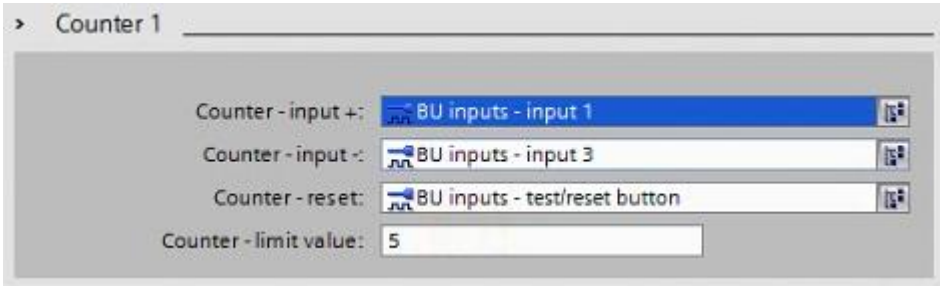


The LEDs will flicker depending on the condition of the motor (ON/OFF)

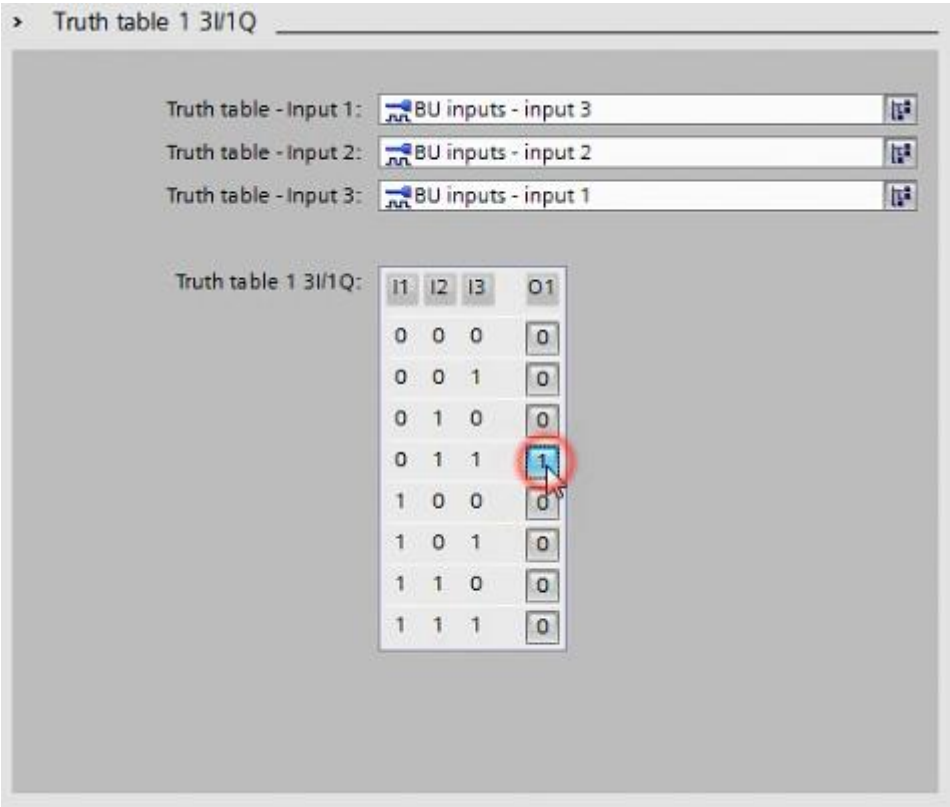
Timer:



Counter:



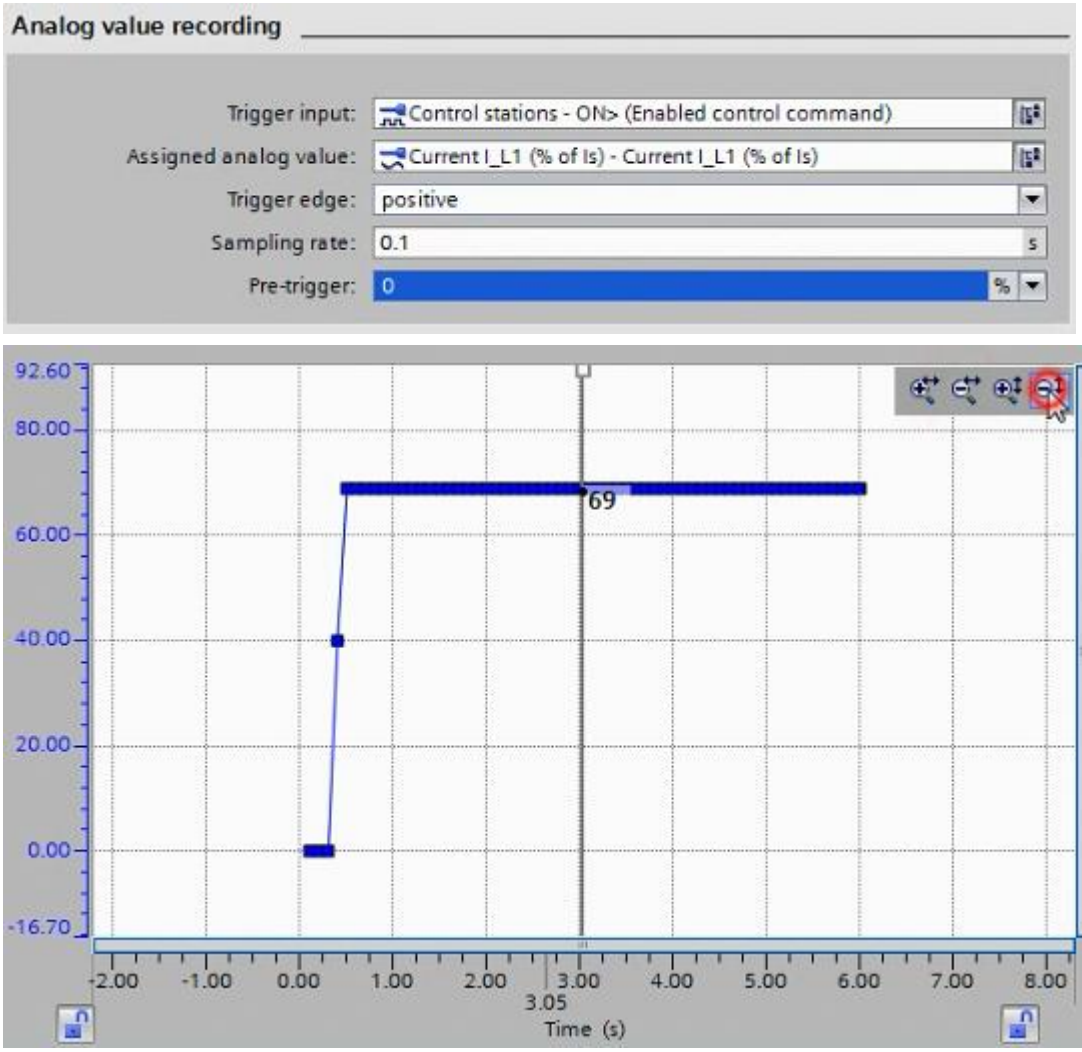
TruthTable:



Calculator:

Using timers/counters/truth tables/calculators in SIMOCODE with different logics and configurations can be applied to attain different applications of motors.

Parameter Recording:



Recording current value as a percentage in SIMOCODE Pro