How can I deactivae easYgens generator voltage and frequency monitoring by a defined time?

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Discrete Input to deactivate Gen. Voltage and Frequency for certain time [in seconds]

Example solution as follows…

Prepare Volt-/Freq. Monitoring parameters

(instead of „Always“ or „LM:Rel.Eng.Monitoring“ enabled, here put Flags accordingly)

Prepare an internal AM to generate a ONE SHOT pulse

L1 = Discrete input that triggers the pulse

C1 = time in seconds, the pulse shall be ON

This pulse defines the time how long the V/f-monitoring shall deactivate in the end.



Prepare the Flags #1 and #2

Flag 1

(TRUE as long as logical state of AM#3 is FALSE. i.e. the linked monitors stay normally always active)



Flag 2

(TRUE as long as LM:Rel.Engine monitor is released AND logical state of AM#3 is FALSE. i.e. to keep the default dependency of Engine Monitor release, plus the AM#3 state. So, the linked monitors stay normally always active after engine monitor delay time)



Now, if DI#9 latches the one shot pulse in AM#3, the Volt. / Freq. Monitoring gets inactive for the configured time in C1 in AM#3