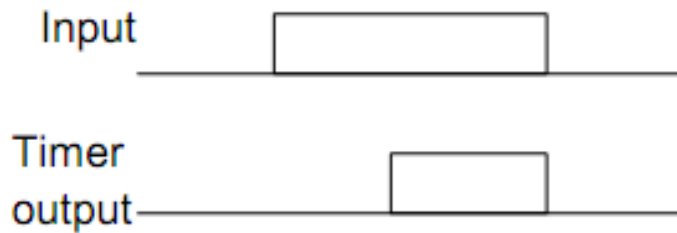


# Timers

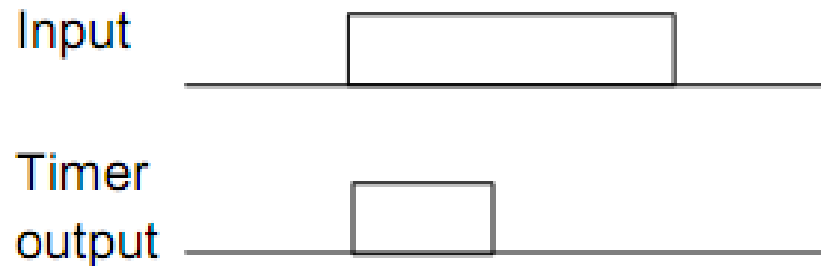
- Types of timer



(a) On-delay timer



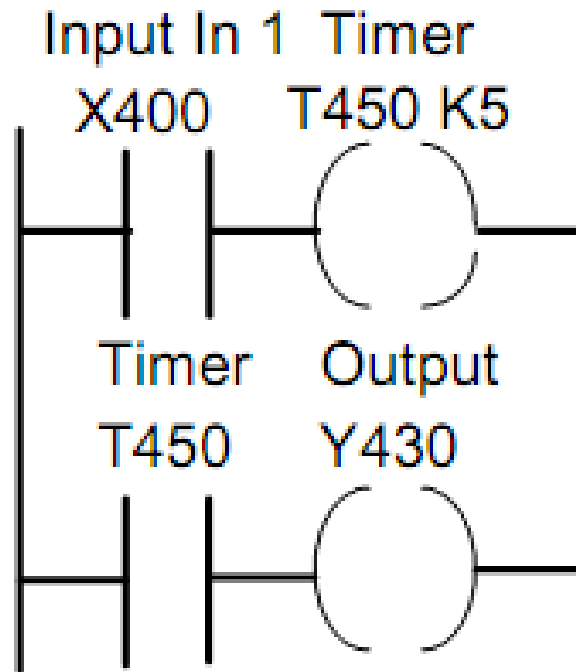
(a) Off-delay timer



(c) Pulse timer

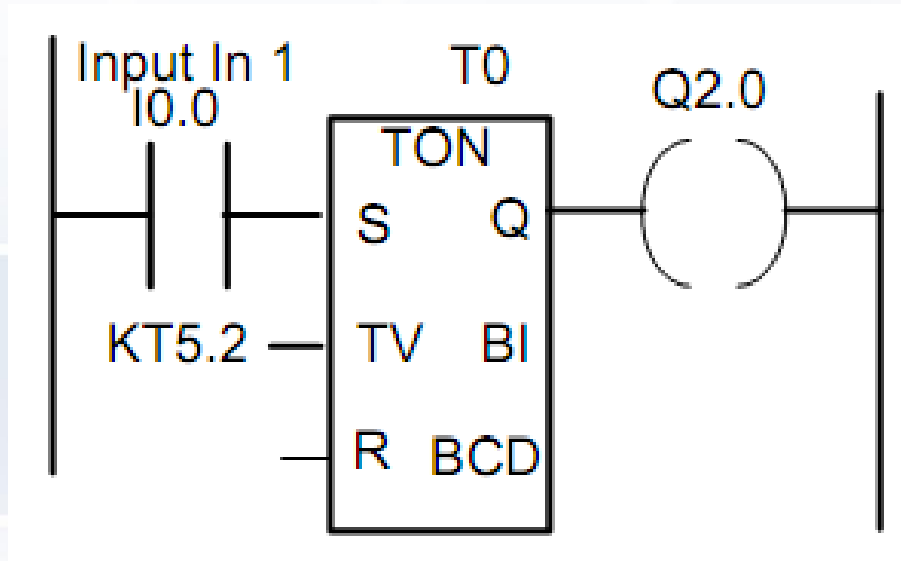
- Programming Timers

On delay timer



Mitsubishi

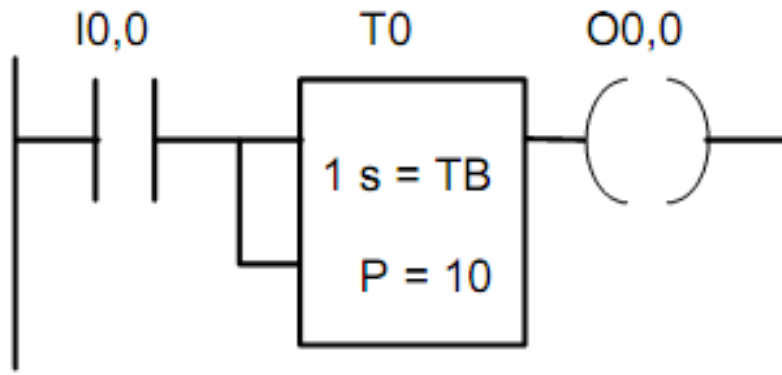
The timers like a relay  
with coil



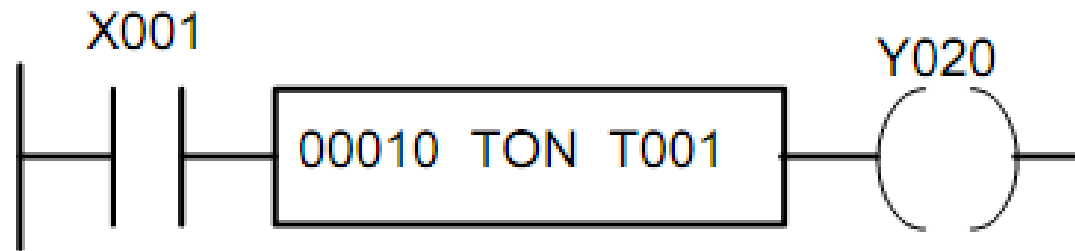
Siemens

Delay item in the rung

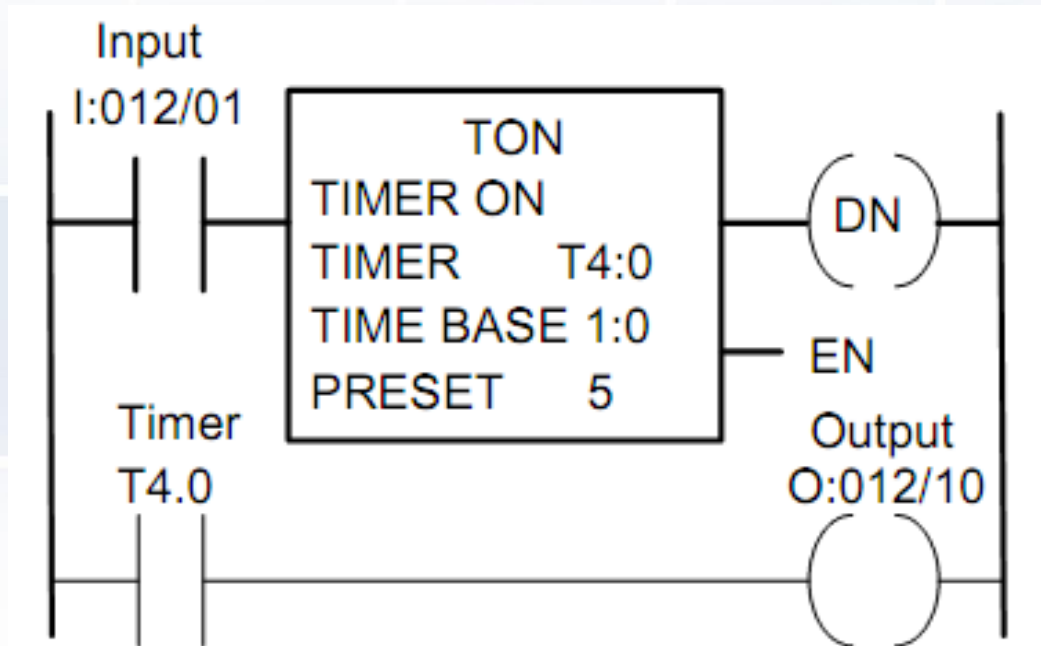
X.4



Telemecanique.



Toshiba



Allen-Bradley

# OMRON ZEN

The image displays a screenshot of the OMRON ZEN software interface. On the left, a ladder logic diagram is shown with three rungs. The first rung contains a normally open contact labeled 'I0' and a normally closed contact labeled 'I1' in series, connected to a coil labeled 'M0'. The second rung contains a normally open contact labeled 'M0' connected to a coil labeled 'T0'. The third rung contains a normally open contact labeled 'T0' connected to a coil labeled 'Q0'. The right side of the diagram is highlighted in green. On the right, a configuration dialog box for a timer is open. The dialog box has a table at the top with columns: #, @, ·, C, F, A, P, G, I, Q, X, Y, M, H, B, T. Below the table, the 'Relay Name' is set to 'Timer' and 'Allow monitoring' is checked. The 'Contact' type is set to 'Normally Open' with a '+' symbol. The 'Relay No.' is set to '0' with a '0~f' range. The 'Timer Type' is set to 'On-delay Timer' with an 'X' symbol. The 'Comment' field is empty.

#	@	·	C	F	A	P	G
I	Q	X	Y	M	H	B	T

Relay Name: Timer  Allow monitoring

Contact:  Normally Open +|+  
 Normally Closed -|-

Relay No.: 0 0~f

Comment:

Timer Type:  On-delay Timer X  
 Off-delay Timer ■  
 One-shot Pulse ○  
 Flashing Pulse F  
 Twin Timer W