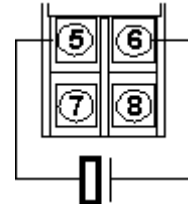
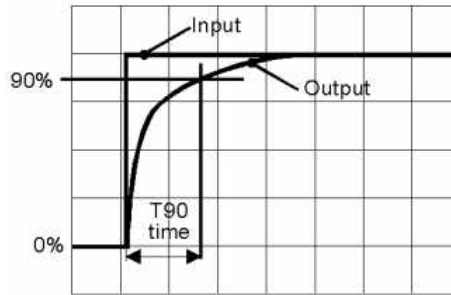


SI239 Output Ramp Option

T₉₀ time is defined as follows:
 FOR AN INPUT STEP OF 0 - 100%,
 THE OUTPUT RAMPS UP TO 90%
 IN 'T₉₀' SECONDS (e.g. 18.4mA for
 4-20mA input signal). CT can be an
 electrolytic capacitor or tag,
 minimum voltage 16V.



Capacitor Timing Selection

CT	2.2 μ F	3.3 μ F	4.7 μ F	10 μ F	22 μ F	47 μ F
T ₉₀ secs	0.5	0.7	1	2	5	10

$$T_{90} \text{ (Seconds)} = 0.2 \text{ CT}(\mu\text{F})$$