

Specifications

Dial Range	<input type="checkbox"/> 0...1, <input type="checkbox"/> 0...3, <input type="checkbox"/> 0...6
Outputs:	up to 2
Electromechanical relay	5A/250VAC with NO/NC contact
SSR	1A/250VAC
Transistor gate	open collector NPN 40mA/40V
Output for external SSR	5...24 VDC, 30 mA
- K1	<input type="checkbox"/> relay, <input type="checkbox"/> SSR, <input type="checkbox"/> open collector, <input type="checkbox"/> ext. SSR
- K2	<input type="checkbox"/> relay, <input type="checkbox"/> SSR, <input type="checkbox"/> open collector, <input type="checkbox"/> ext. SSR
Power Supply	<input type="checkbox"/> 24...230 VAC/DC, <input type="checkbox"/> 24 VAC, non-isolated
Consumption	<input type="checkbox"/> less than 2 VA
Time-setting Accuracy	1% from span
Operating Temperature / Humidity	-10...65 °C / 0...85% RH
Storage Temperature / Humidity	-20...65 °C / 0...95% RH, non-condensing
Protection Class: front / terminals	IP40 / IP20

Warranty and Support

.....
serial number

.....
manufacturing date

QC check mark(passed)
(stamp)

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Warranty

COMECO warrants this product to be free from defects in materials and workmanship for 2 years. If your unit is found to be defective within that time, we will promptly repair or replace it. This warranty does not cover accidental damage, wear or tear, or consequential or incidental loss. This warranty does not cover any defects caused by wrong transportation, storage, installation, or operating (see 'Specifications').

Technical support

In the unlikely event that you encounter a problem with your COMECO device, please call your local dealer or contact directly our support team.

QD-8.2.4-WC

v4-07.10



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ANALOG TIMER

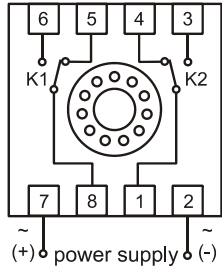
CT02S

OPERATION MANUAL



Please read this Operation Manual before mounting and operating!
Save the Manual for future references!

Mounting and Wiring



Wiring

Wire CT02S through the provided socket's terminals as illustrated on the left and on the device case.

Panel mounting

- ◆ Remove the mounting clamp.
- ◆ Place CT02S into a 45 x 45 mm panel cut-out.
- ◆ Put on the clamp and tighten.
- ◆ Wire the socket and plug it into the unit.

Rail mounting

- ◆ Mount the socket on the rail.
- ◆ Connect the cables to the socket.
- ◆ Plug CT02S into the socket.



Important notes:

- ◆ *Strictly observe the supply voltage and relay contact requirements!*
- ◆ *Power supply must be turned off during the wiring!*

Setting

Mode selection

Using the tip of a narrow screwdriver turn the 'MODE' micro switch to select either of the two operating modes – 'A' or 'B'.

Time adjustment

- ◆ Set the desired time-delay range via the 'RANGE' micro switch.
- ◆ Adjust the time delay via the rotating dial on the device front panel.

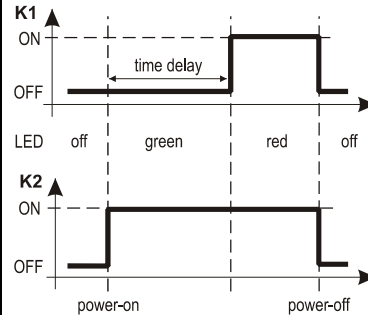


The adjusted dial value is multiplied by the time unit shown in the window above the 'RANGE' micro switch.

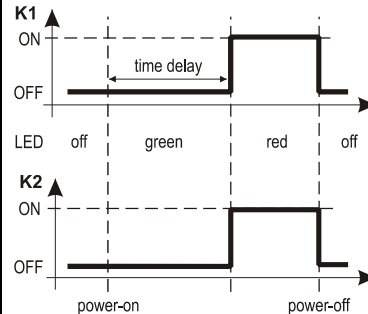
Starting

At power-on, CT02S enters timing mode. The front-panel LED in the upper left corner indicates the state of the timer (see 'Output Functioning').

Output Functioning



- ◆ Under mode 'A' output K1 activates after the adjusted time delay, and the auxiliary output K2 – with power-on.



- ◆ Under mode 'B' K1 and K2 activate simultaneously after the adjusted time delay.