

Specifications

Range	<input type="checkbox"/> 0.0...99.9 s, <input type="checkbox"/> 0.0...99.9 min, <input type="checkbox"/> 0...999 s, <input type="checkbox"/> 0...999 min
Operating Mode	<input type="checkbox"/> delay ON, <input type="checkbox"/> delay OFF
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"/> 230 VAC, <input type="checkbox"/> 115 VAC, <input type="checkbox"/> 24 VAC, <input type="checkbox"/> 12 VDC, <input type="checkbox"/> 24 VDC, <input type="checkbox"/> 12...24 VAC/DC
Consumption	less than 2 VA
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

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.

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ANALOG TIMER

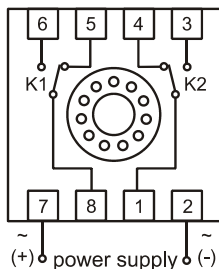
CT04

OPERATION MANUAL



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

Wiring



Wire CT04 through the provided socket's terminals as illustrated on the left and on the device case.



Important notes:

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

Setting and Starting

Set-point adjustment

Set the time via the push-wheel switch on the device front panel before turning the power on.

Operating mode

At power-on, CT04 enters timing mode. The display shows the elapsed time, and the 'OUT' LED – the state of output K1.



The time measurement unit – second or minute – is indicated via the respective LED: 'SEC' or 'MIN'.

Mounting

Panel mounting

- ◆ Remove the mounting clamp.
- ◆ Place CT04 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 CT04 into the socket.

Output Functioning

- ◆ Under delay-on mode, output K1 activates when the set-point is reached.
- ◆ Under delay-off mode, K1 activates at power-on and deactivates when the set-point is reached.
- ◆ Output K2 activates at power-on and stays ON until voltage drop-out.