The CT-C range combines lower cost with higher value and performance by offering essential functions in a 17.5 mm housing, freeing up room in any control cabinet. The range includes 11 devices, offering both single and multifunctional types, with a time range from 0.05 seconds to 100 hours. Equipped with wide voltage ranges, CT-C time relays allow for use across a huge variety of applications worldwide.

With a width of just 17.5 mm, the CT-C range is 22% smaller than standard industrial housings for time relays. Its reduced overall footprint saves space in control cabinets. For more flexibility both 1 c/o and 2 c/o output versions are offered in the compact housing.

The CT-C range is an economical range that combines lower cost with higher value and performance. It suits basic applications where a time relay is needed, while offering improved functionality in each device.

By combining more functions into each device, the CT-C range makes it possible to reduce stock by up to 75% compared to other ranges. All devices in the CT-C range offer a wide supply voltage range as well as a wide time setting range from 0.05 seconds to 100 hours. This significantly reduces order code variants.
Operating controls

Connection terminals
Wide terminal spacing allows connection of wires:
2 x 1.5 mm² (2 x 16 AWG) with wire end ferrules or 2 x 2.5 mm² (2 x 14 AWG) without ferrules.

Preselection of the time range

Selection of the timing function

- ON-delay
- OFF-delay with aux. voltage

LEDs for status indication
All actual operational states are displayed by front-facing LEDs, thus simplifying commissioning and troubleshooting.
• U - green LED: control supply voltage applied / timing
• R, R1, R2 - yellow LED: output relay energized

Applications

Remote control of time delays with a remote potentiometer.

Cyclic switching of machinery e.g. weekly startup of a fan to prevent tight fit or flushing of pipes for cleaning to avoid clogging.

Lighting control e.g delayed switching of multiple rows of lamps in e.g. production facilities or greenhouses.