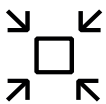


Time relays CT-C range

Full control for industrial applications



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.



Space saving

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.



Cost effective solution

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.



Optimized logistics

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.



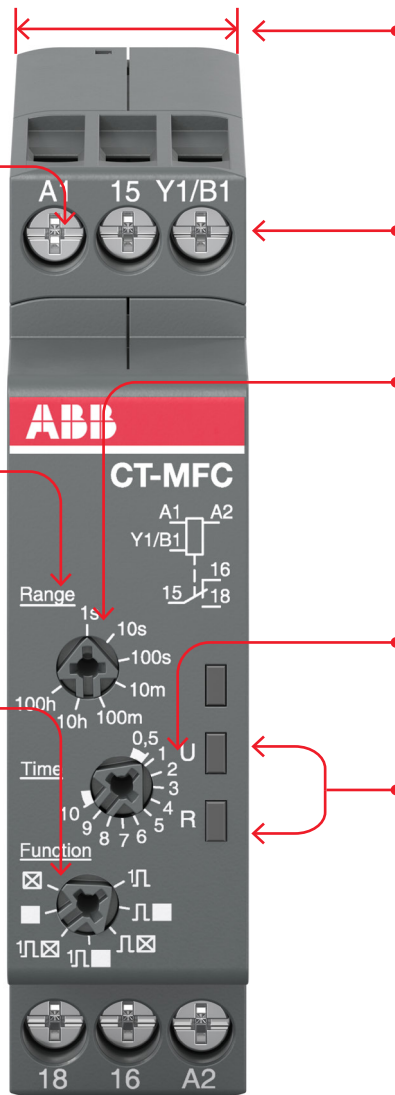
Preselection of the time range



Selection of the timing function

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

- Impulse-ON
- Impulse-OFF with aux. voltage
- Flasher starting with ON
- Flasher starting with OFF
- Pulse generator starting with ON or OFF



Width 17.5 mm

With their width of only 17.5 mm the CT-C time relays are ideally suited for installations with limited space

Control input to start timing



Direct reading scales

Direct setting of the time delay without any additional calculation provides accurate time delay adjustment.



Fine adjustment of the time delay



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



Time controlled start up or shut down of machinery equipment, for example the delayed switch off of conveyor belts or the successive shut down of a plant.



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.

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