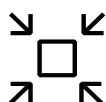


# Time relays CT-C range

## 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 15 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 mm<sup>2</sup> (2 x 16 AWG) with wire end ferrules or 2 x 2.5 mm<sup>2</sup> (2 x 14 AWG) without ferrules.

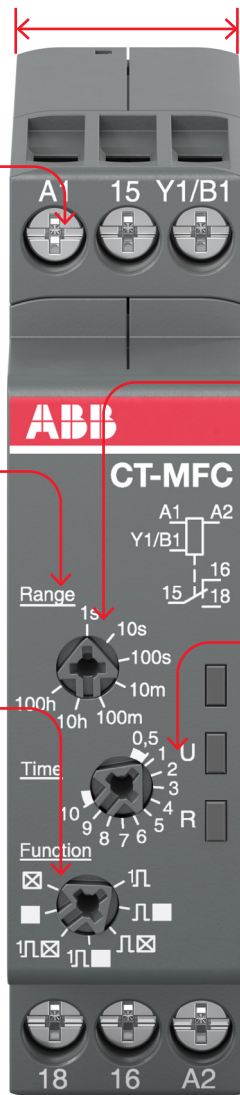


### Preselection of the time range



### 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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