

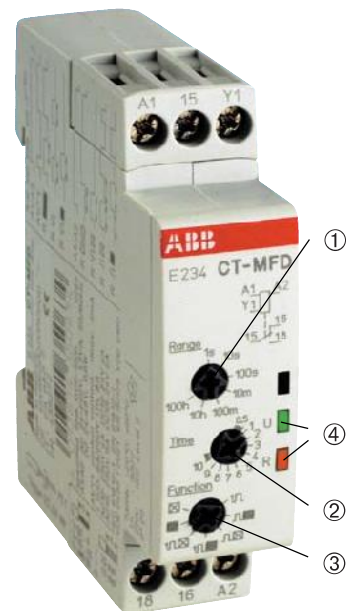
Electronic timers CT-D range



Electronic timers CT-D range: Applications and advantages



Since a number of years, ABB electronic timers have been successfully used by our customers in diverse applications. The CT-D range is the most modern part of our timer program. Five single-function timers are available, as well as a multifunction version with 7 functions for a maximum of flexibility in use. All our electronic timers offer 7 time ranges from 0.05 seconds to 100 hours and feature wide-voltage range input terminals. This is sophisticated and modern technology of the highest quality – just as you can demand of ABB.



CT-MFD



Functions and operation

- ① 7 selectable time ranges from 0.05 s - 100 h
- ② Potentiometer with direct reading scale to set the desired time delay.
- ③ Rotary switch to preselect the desired function.
- ④ Display of operational status by 2 LEDs

U – supply voltage
= green LED, flashing while timing

R – output relay energized
= red LED

CT-D range features

- 1 multifunction and 5 single-function timers
- Multisupply voltage range A1-A2, 24-240 V AC / 24-48 V DC
- 1 c/o contact (250 V / 8 A)
- 7 time ranges 0.05 s - 100 h
- Parallel load to the control contact possible

- Marks:



Approvals:    (pending)

■ Multivoltage supply

All standard control voltages 24-240 V AC / 24-48 V DC are connected to the terminals A1-A2.

■ Connection terminals

Wide terminal spacing allows connection of 2x1.5 mm² (2x16 AWG) with or 2x2.5 mm² (2x14 AWG) sized wires without ferrules.

■ Shaping

The width of only 17.5 mm saves space in the control panel.

■ Direct reading scales

Direct adjustment of the delay time speeds up installation.

■ Display of operational states

The front-face LEDs display supply voltage and relay status. The green supply voltage LED flashes while timing.

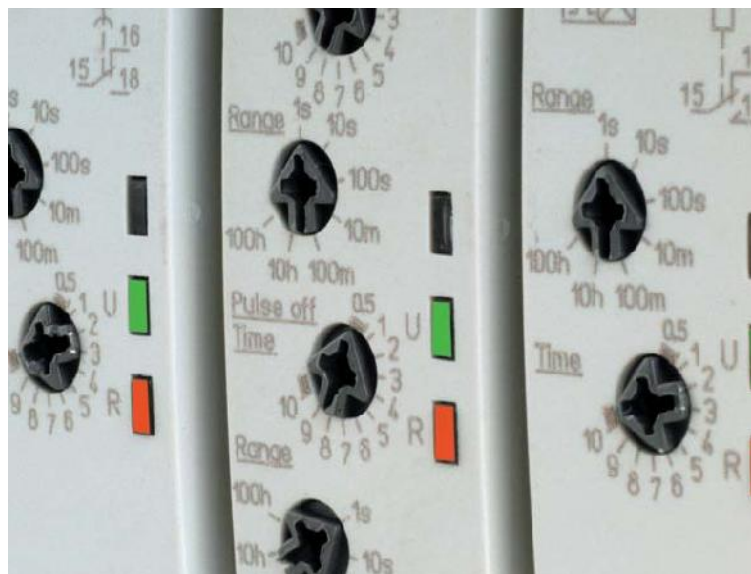
■ Manual setting tool

As an accessory, a manual setting tool is available.

Electronic timers CT-D range



In modern processing and automation applications, state-of-the-art time relays are of great importance. Thus, ABB as a global player in energy and automation technology has put a lot of effort in this product range. The electronic timers of the CT-D range feature an innovative and persuasive solution to your needs. Details like the easily understandable front-side operation ensure a fast and straightforward integration into your equipment. And the well-proven ABB quality means that you can rely on these time relays. ABB – industry electronics of the highest standards.



Type	Function	Symbol	Time range	Supply voltage	Remarks	Order code
CT-MFD	Multifunction time relay: ON-delay, OFF-delay with aux. voltage, impulse-ON, pulse former with aux. voltage, impulse-off with aux. voltage, flasher, starting with impulse-ON, flasher, starting with impulse-OFF		7 time ranges (0.05s-100h)	24-240 V AC, 24-48 V DC	1 c/o, 2 LEDs	1SVR 500 020 R 0000
CT-ERD	ON-delay	☒	7 time ranges (0.05s-100h)	24-240 V AC, 24-48 V DC	1 c/o, 2 LEDs	1SVR 500 100 R 0000
CT-AHD	OFF-delay	■	7 time ranges (0.05s-100h)	24-240 V AC, 24-48 V DC	1 c/o, 2 LEDs	1SVR 500 110 R 0000
CT-VWD	impulse-ON	1 □ ☒	7 time ranges (0.05s-100h)	24-240 V AC, 24-48 V DC	1 c/o, 2 LEDs	1SVR 500 130 R 0000
CT-EBD	flasher, starting with ON	□ ☒	7 time ranges (0.05s-100h)	24-240 V AC, 24-48 V DC	1 c/o, 2 LEDs	1SVR 500 150 R 0000
CT-TGD	pulse generator ON - and OFF time adjustable independently from each other	□ ☒	2x7 time ranges (0.05s-100h)	24-240 V AC, 24-48 V DC	1 c/o, 2 LEDs	1SVR 500 160 R 0000



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