

70 Series Monitoring relay



Electronic current monitoring relay Type 70.51

Multifunctional type, providing the flexibility of monitoring Undercurrent, Overcurrent and Window Mode, up to 16 A directly

- 1 CO relay output, 10 A
- Positive safety logic - Make output contact opens if the relay detects an error
- All functions and values can be easily adjusted by the selector and trimmer on front face
- Colored LEDs for clear & immediate visual indication
- 35 mm rail (EN 60715) mount

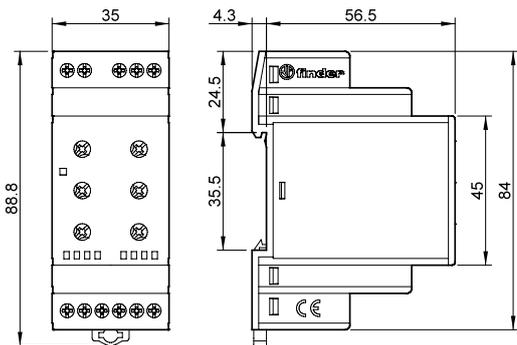


Electronic current monitoring relay Type 70.51.0.240.2032

- 1 CO 10 A
- Nominal supply voltage 24...240 V AC/DC
- 6 detection level range:
0.5 - 1 - 2 - 5 - 10 - 16 A
- 6 Functions:
 - Undercurrent with or without memory
 - Overcurrent with or without memory
 - Window mode with or without memory
 - Adjustable hysteresis 5...50%
(1...99% in Window Mode)
 - Start delay 0.1...40 sec
 - Switch-off delay 0.1...30 sec
- Usable with current transformer up to 600 A
- LED indication contact status



Screw terminals



If the current moves out of limits, following delay T2 the output relay turns Off.

When the current is again within limits (\pm the Switch-on hysteresis H):

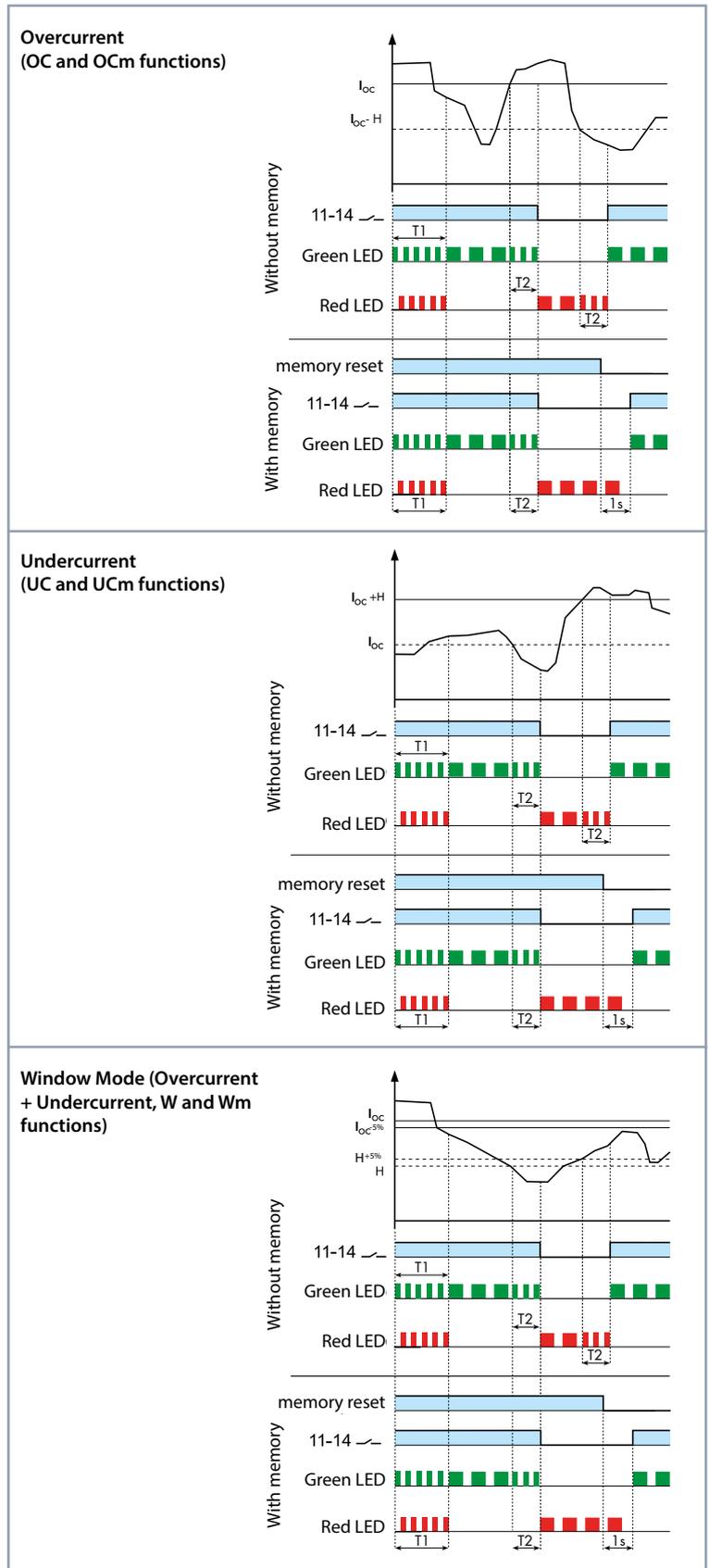
- if set in the "without memory" position, the output relay "recovers", i.e. it turns On (after the Switch-on lock-out time) without any memory of the previous event
- if set in the "with memory" position, the output relay remains open.

To reset, it is necessary to switch the supply Off and then On again, or push a button on RESET terminals.

During T1 time, the relay does not control.

Functions

Output relay On (NO closed) when all OK: positive logic.



- = Output contact 11-14
- OC = Overcurrent
- OCm = Overcurrent with memory
- UC = Undercurrent
- UCm = Undercurrent with memory
- W = Window mode (OC + UC)
- Wm = Window mode (OC + UC) with memory
- H = Hysteresis