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SWITCH TO THE FUTURE

REPORT

70 Series
Monitoring relays

NEW

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NFC
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Toolbox NFC

NFC

Electronic current monitoring relay
Type 70.51.0.240.N032

Multifunctional type, providing the flexibility of monitoring Undercurrent, Overcurrent and Window Mode, up to 16 A directly.
Programmable from smartphone via NFC.

- 1 CO (SPDT) relay output, 10 A
- Positive safety logic - Make output contact opens if the relay detects an error
- All functions and values can be easily and precisely programmed via NFC
- LED indication contact status
- 35 mm rail (EN 60715) mount

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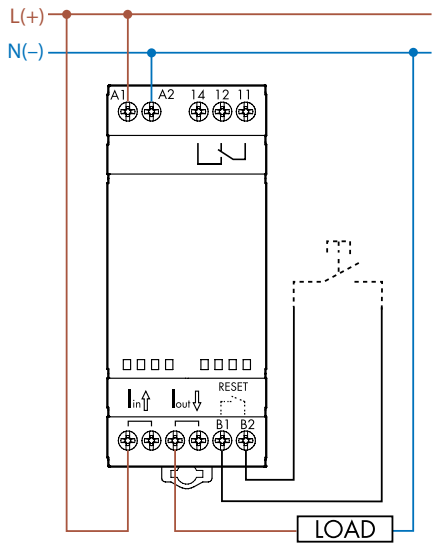
NFC finder Toolbox NFC

NFC

Electronic current monitoring relay
Programmable from smartphone via NFC
Type 70.51.0.240.N032

- 1 CO (SPDT) 10 A
- Nominal supply voltage 24…240 V AC/DC
- Functions and values programmed via NFC:
  - Undercurrent with or without memory
  - Overcurrent with or without memory
  - Window mode with or without memory
  - Adjustable hysteresis
  - Start delay T1: 0.1…40 sec
  - Switch-off delay T2: 0.1…30 sec
- Usable with current trasformer up to 600 A
- LED indication contact status



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

When the current is again within limits (± 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.

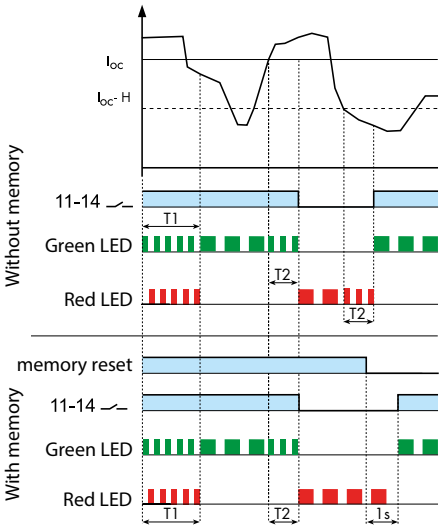
To reset, it is necessary to switch the supply Off and then On again, or push a button on RESET terminals.

During T1 time, the relay does not control.

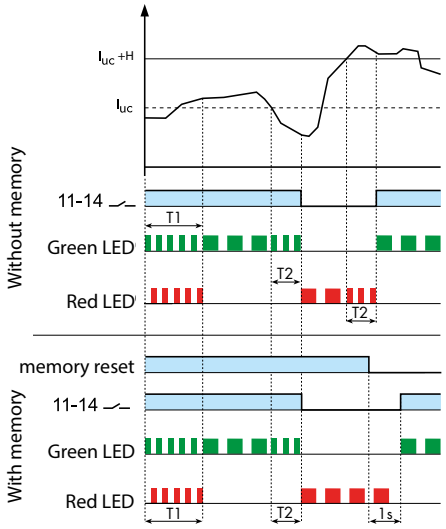
Functions

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

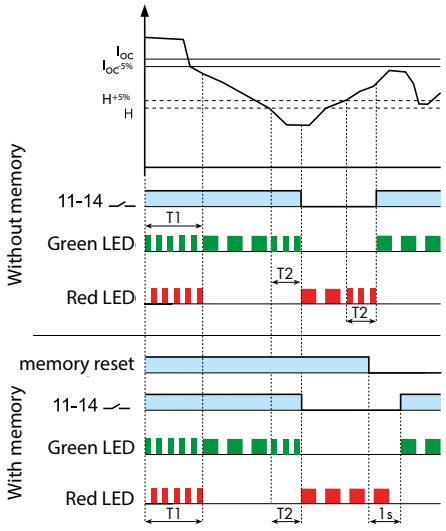
Overcurrent (OC and OCm functions)



Undercurrent (UC and UCm functions)



Window Mode (Overcurrent + Undercurrent, W and Wm functions)



= 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