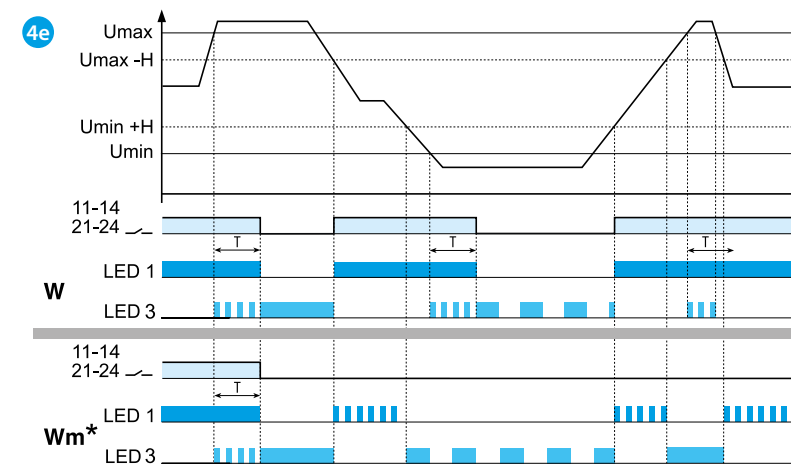
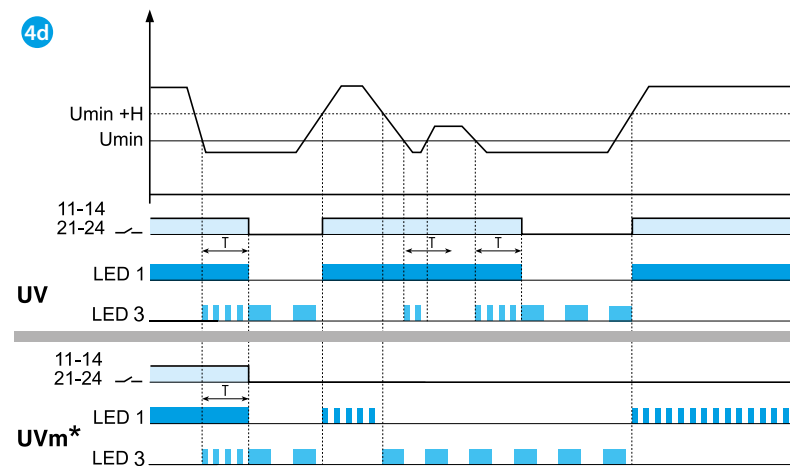
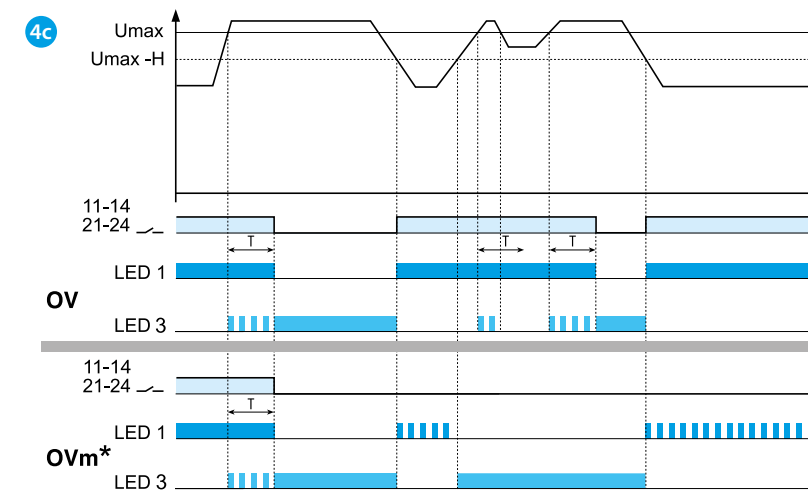
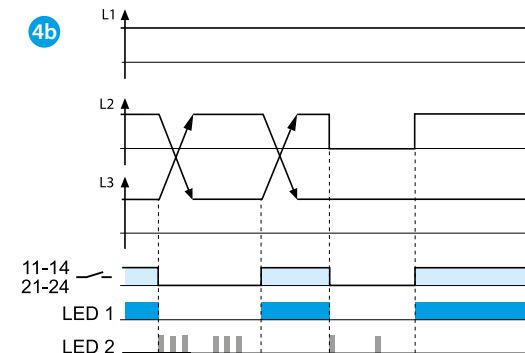
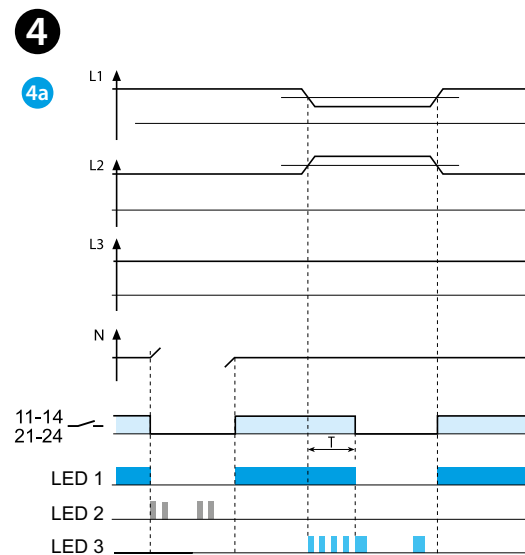
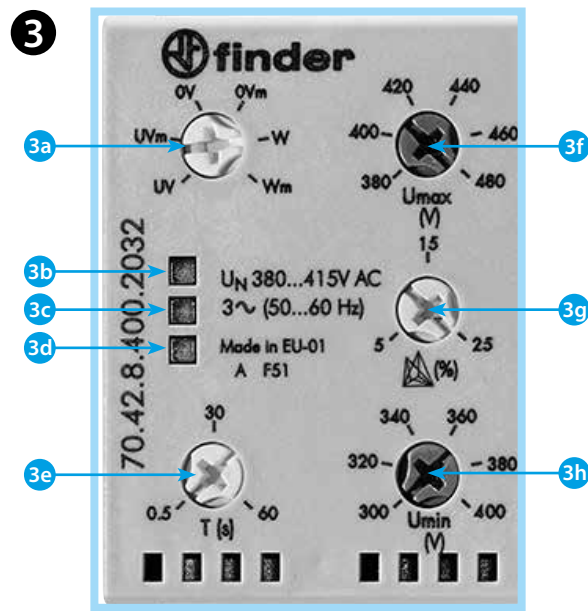
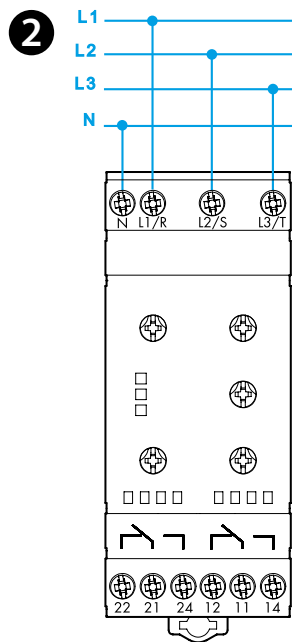
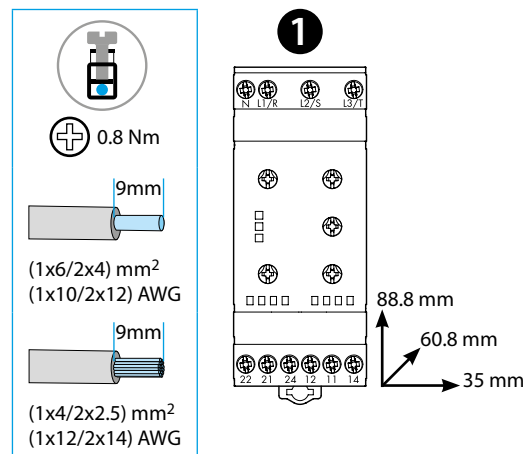




70.42

| | |
|-------------------------|---|
| 70.42.8.400.2032 | |
| | U _N (380...415)V AC (50/60 Hz) U _{min} 220 V AC U _{max} 510 V AC |
| | P 12.5 VA / 1 W |
| | 2 CO (DPDT) 8 A 250 V AC |
| | AC1 2000 VA AC15 (230 V AC) 400 VA M (230 V AC) 0.3 kW DC1 (30/110/220) V (8/0.3/0.12) A |
| | (-20...+60)°C |
| | IP20 |



1 OUTLINE DRAWING

2 WIRING DIAGRAM

11-14 / 21-24: output make contact
11-12 / 21-22: output break contact

3 FRONT VIEW (detail)

3a Function selector

- UV Undervoltage without memory 4d
- UVm Undervoltage with memory 4d
- OV Overvoltage without memory 4c
- OVm Overvoltage with memory 4c
- W Window Mode without memory 4e
- Wm Window Mode with memory 4e

3b LED 1 (green)

3c LED 2 (yellow)

3d LED 3 (red)

3e Switch-off delay time (T on function diagrams) adjustable (0.5...60)s

3f Maximum voltage selector (380...480)V

3g Asymmetry adjustable (5...25)% U_N

3h Minimum voltage selector (300...400)V

4 FUNCTIONS

4a Neutral loss and asymmetry

4b Phase loss and phase rotation

4c Overvoltage (OV and OVm functions)

4d Undervoltage (UV and UVm functions)

4e Window mode (overvoltage+undervoltage, W and Wm functions)

NOTE

Hysteresis (H on function diagrams): 10 V.

Power-on activation time: 1s.

Switch-on lock-out time: 1s.

Positive safety logic - Make output contact opens if the relay detects an error.

*RESET MEMORY

To reset, It is necessary to switch the supply OFF and then ON again (U OFF U ON) or to rotate the function selector first to an adjacent position and then to the original position.