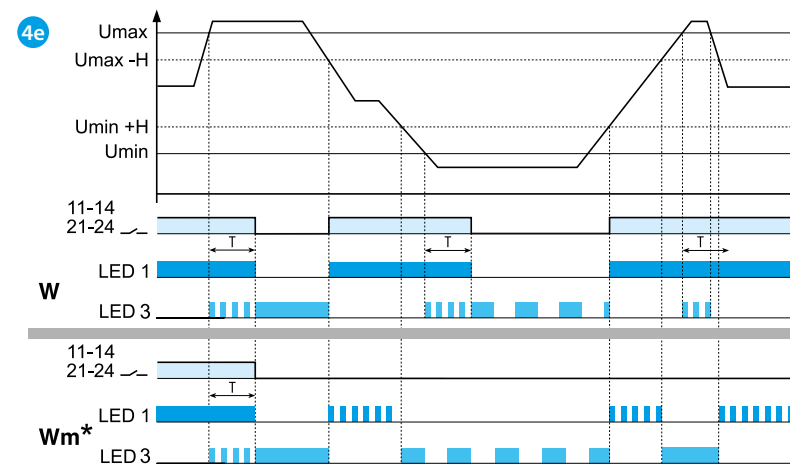
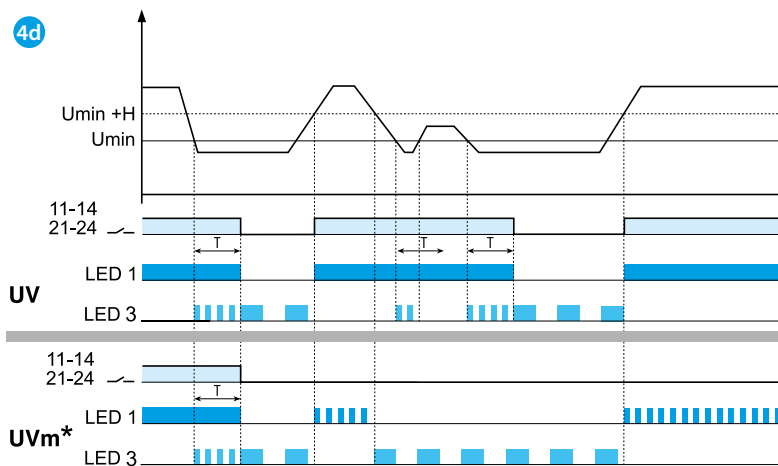
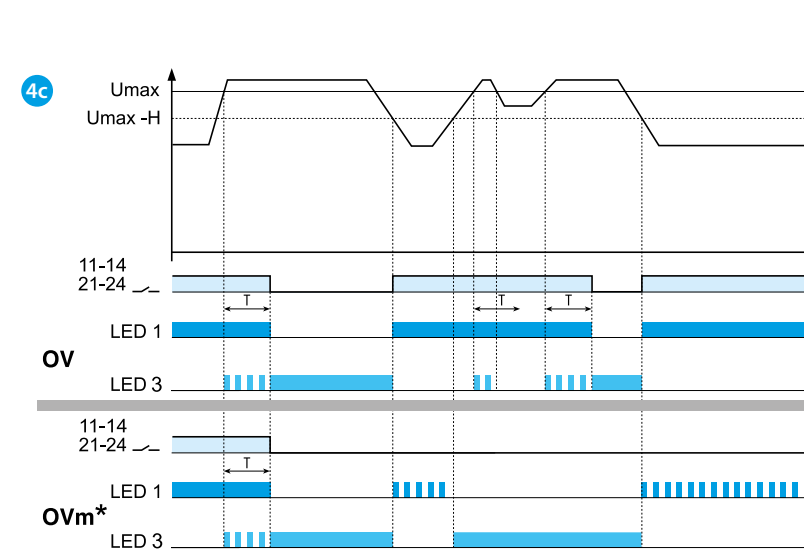
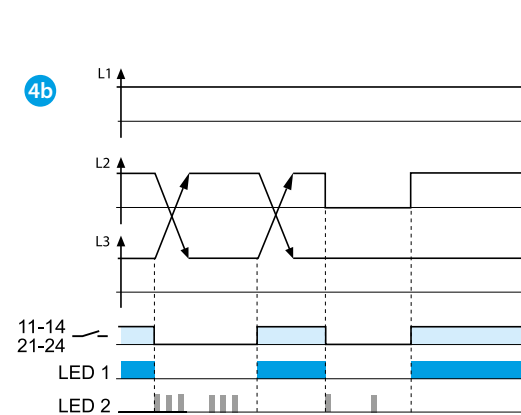
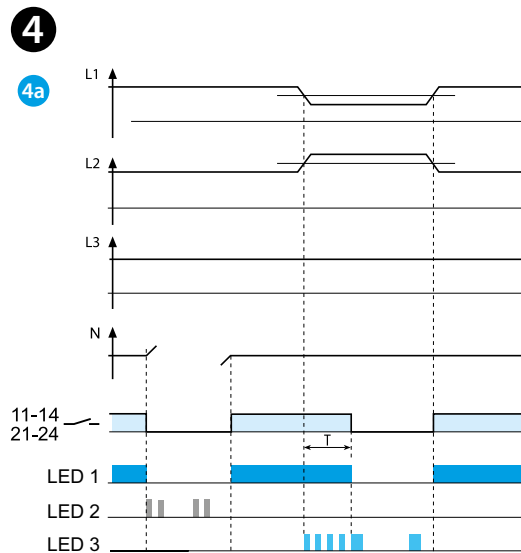
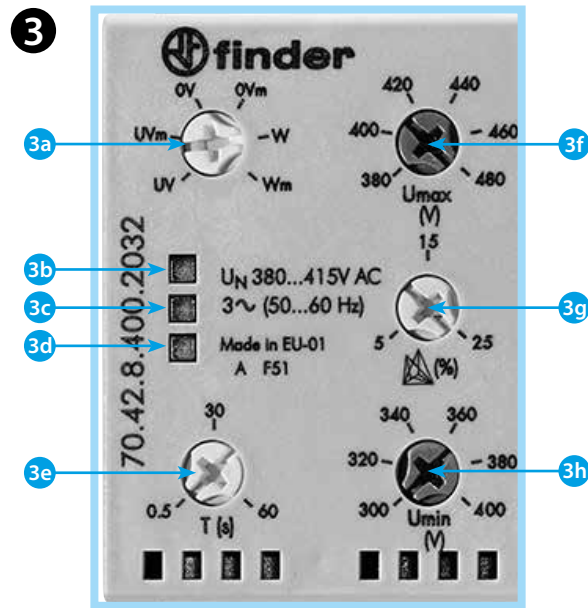
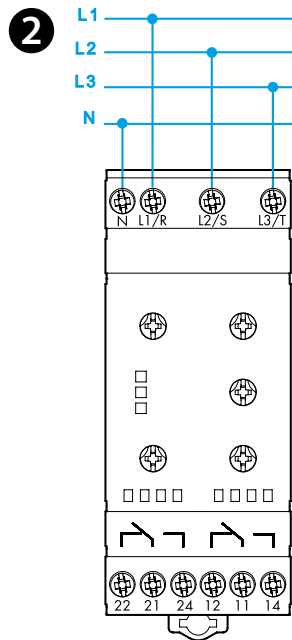
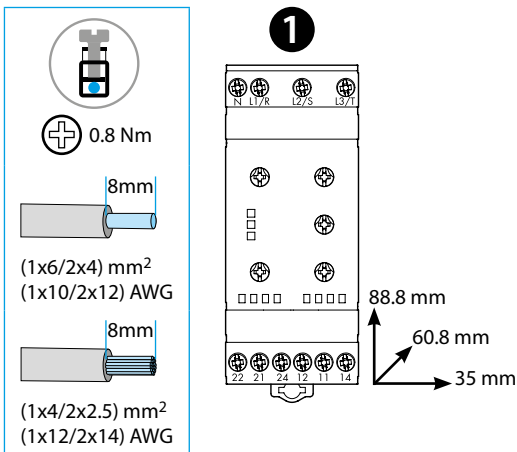




70.42

	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
	 (230 V AC)	0.3 kW
	DC1 (24/110/220) V (8/0.3/0.12) A	
	(-20...+60)°C	
	IP20	



ENGLISH

70.42 - 3 PHASE AC LINE MONITORING RELAY

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.