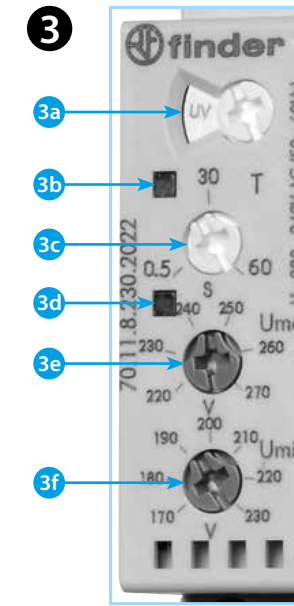
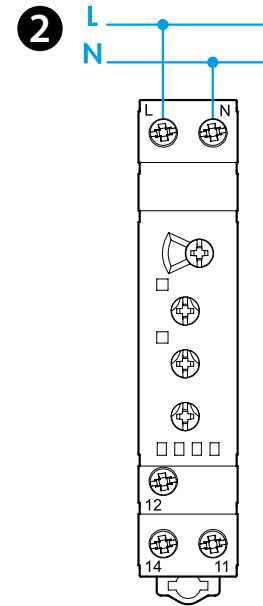
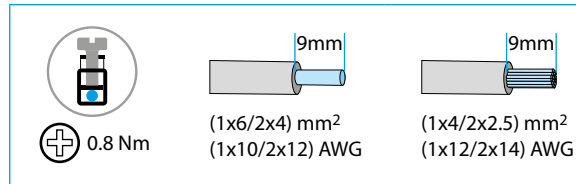
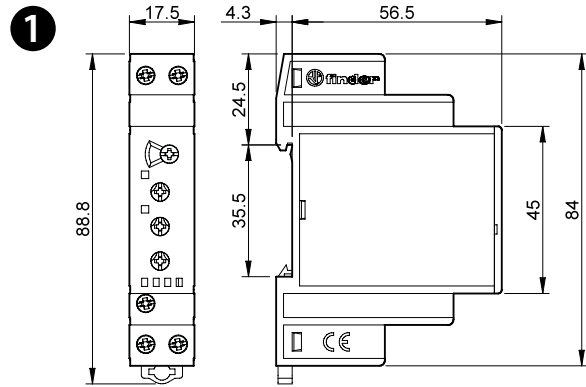




70.11

	<b>70.11.8.230.2022</b>
	U <sub>N</sub> (220...240) V AC (50/60 Hz)
	U <sub>min</sub> 130 V AC
	U <sub>max</sub> 280 V AC
	P 2.6 VA / 0.8 W
	1 CO (SPDT)
	10 A 250 V AC
	AC1 2500 VA
	AC15 (230 V AC) 750 VA
	(230 V AC) 0.5 kW
	DC1 (30/110/220) V (10/0.3/0.12) A
	(-20...+60)°C
	IP20



# ENGLISH

70.11  
1 PHASE AC LINE MONITORING RELAY

## 1 OUTLINE DRAWING

## 2 WIRING DIAGRAM

11-14 output Make contact  
11-12 output Break contact

## 3 FRONT VIEW (detail)

- 3a Function selector
- UV Undervoltage without memory
- UVm Undervoltage with memory
- OV Overvoltage without memory
- OVm Overvoltage with memory
- W Window Mode without memory
- Wm Window Mode with memory
- 3b LED 1 (green)
- 3c Switch-off delay time (T on function diagrams) adjustable (0.5...60)s
- 3d LED 2 (red)
- 3e Maximum voltage selector (220...270)V
- 3f Minimum voltage selector (170...230)V

## 4 FUNCTIONS

- 4a Undervoltage (UV and UVm functions)
- 4b Overvoltage (OV and OVm functions)
- 4c Window mode (overvoltage + undervoltage, W and Wm functions)

### NOTE

Hysteresis (H on function diagrams): 5 V  
Power-on activation time: 1s  
Switch-on lock-out time: 0.5s  
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.

