finder
RELAYING INNOVATION

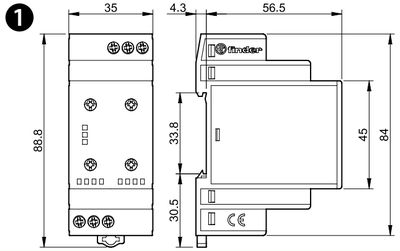


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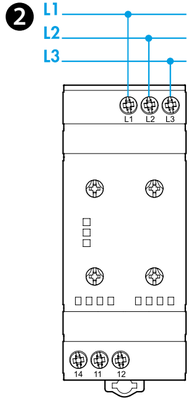
	70.31.8.400.2022
	U_N (380...415) V AC (50/60 Hz) U_{min} 220 V AC U_{max} 510 V AC
	P 11 VA / 0.9 W
	1 CO (SPDT) 6 A 250 V AC
	AC1 1500 VA AC15 (230 V AC) 500 VA (M) (230 V AC) 0.185 kW DC1 (24/110/220) V (6/0.2/0.12) A
	(–20...+60)°C
	IP20



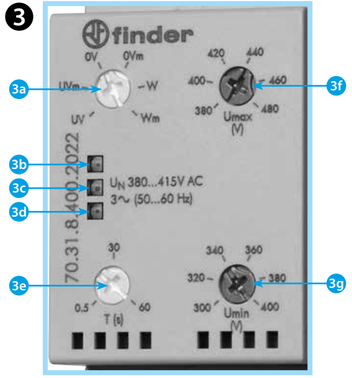
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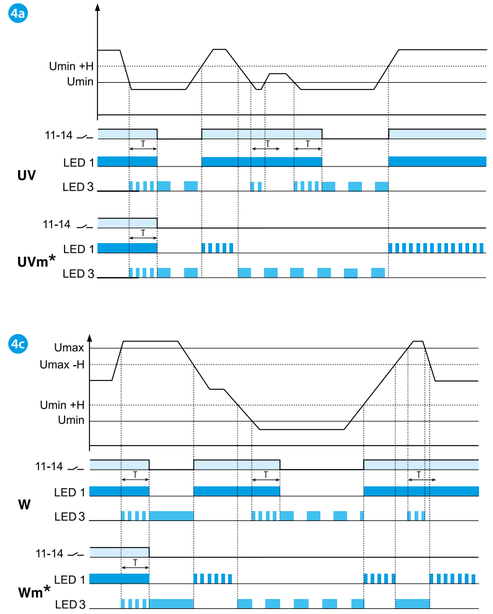
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3



4



ENGLISH

70.31
3 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 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 Minimum voltage selector (300...400)V

4 FUNCTIONS
4a Undervoltage (UV and UVm functions)
4b Overvoltage (OV and OVm functions)
4c Window mode (overvoltage + undervoltage, W and Wm functions)
4d Phase loss and phase rotation

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.

finder