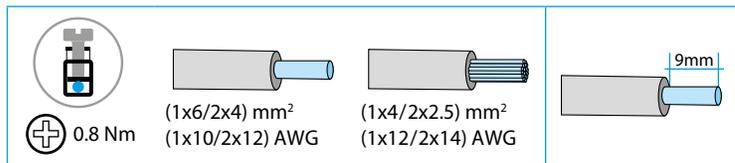
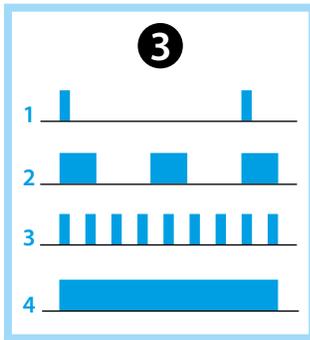
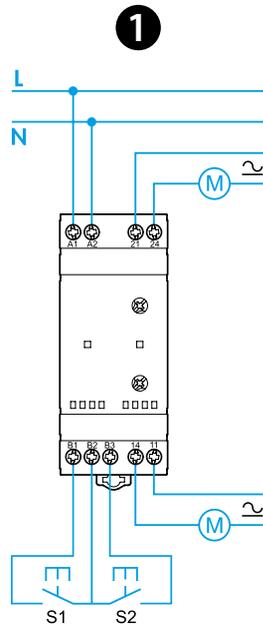
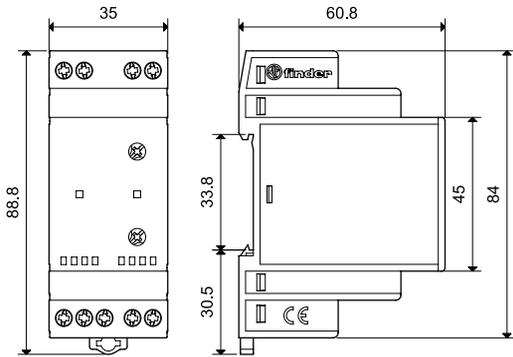


72.42

	<b>72.42.0.024.0000</b> $U_N$ 24 V AC (50/60 Hz) / DC $U_{min}-U_{max}$ (16.8-28.8) V AC $U_{min}-U_{max}$ (16.8-32) V DC
	<b>72.42.0.230.0000</b> $U_N$ (110...240) V AC (50/60 Hz) / DC $U_{min}-U_{max}$ (90-264) V AC / DC
	2 NO (2 SPST-NO) 12 A 250 V AC
	AC1 3000 VA AC15 1000 VA
	(230 V AC) 0.55 kW
	DC1 (30/110/220)V (12/0.3/0.12)A
	(-20...+50)°C
IP20	



Utility Model - IB7242001 - 10/17 - FINDER S.p.A. - 10040 ALMESE (TO) - ITALY

# ENGLISH

## 72.42 PRIORITY CHANGE RELAY

### 1 WIRING DIAGRAM

### 2 FUNCTIONS

**M1 Outputs alternate on successive applications of supply voltage**  
 Application of the supply voltage to A1-A2 forces just one output contact to close, but the contact that closes will alternate between 11-14 and 21-24 on each successive application of the supply – ensuring even wear across both motors.  
 The other output contact can be forced closed by the closure of either S1 or S2 - but to limit high current surges the other motor cannot start within T seconds of the first motor.

### ME Outputs alternate according to control signal

The supply voltage is permanently applied to A1-A2.  
 When closed, S1 forces just one output contact to close.  
 The contact that closes will alternate between 11-14 and 21-24 on each successive S1 closure - ensuring even wear across both motors.  
 If closed, S2 forces both output contacts to close (irrespective of S1).  
 However, to limit high current surges, both motors cannot start within T seconds of each other.

### M2 Output 2 (21-24) only

Supply permanently applied to A1-A2.  
 Closure of either S1 or S2 will close output contact 2 (21-24).  
 Use when load 1 (11-14) is out of service.

### M1 Output 1 (11-14) only

Supply permanently applied to A1-A2.  
 Closure of either S1 or S2 will close output contact 1 (11-14).  
 Use when load 2 (21-24) is out of service.

### 3 LED

- 1 72.42 device in stand-by, output not activated
- 2 output not activated, timing in progress
- 3 output not activated (only functions M1/M2)
- 4 output activated

### OTHER DATA

Current absorption on (B1-B2) and (B3-B2): 1mA, 5V  
 Output delay time (T on function diagrams): (0.2...20)s.

