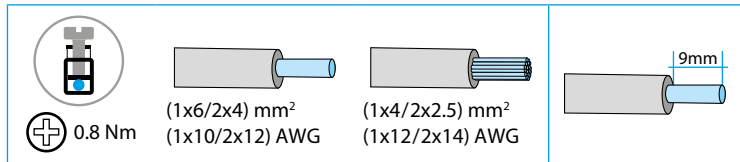
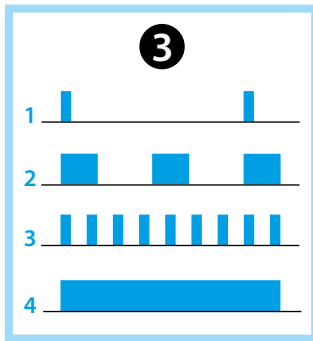
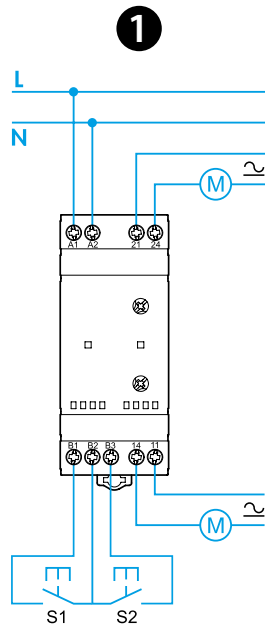
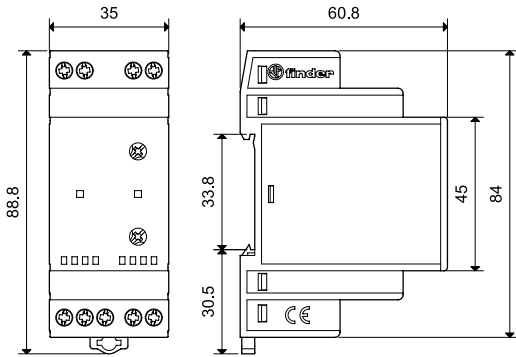


72.42

	72.42.0.024.0000 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
	72.42.0.230.0000 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
	(M) (230 V AC) 0.55 kW
	DC1 (30/110/220)V (12/0.3/0.12)A
	(-20...+50)°C
IP20	



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.

