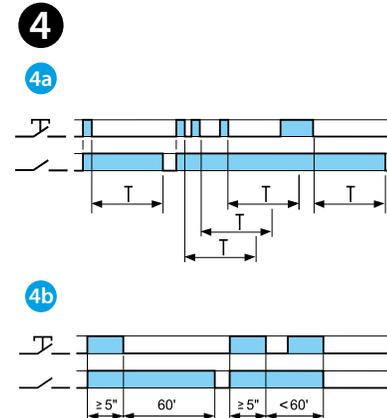
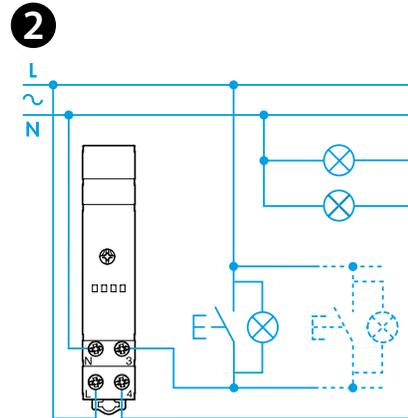
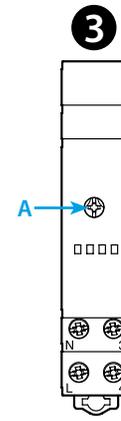
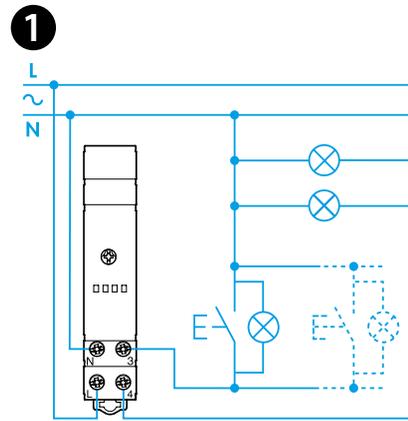
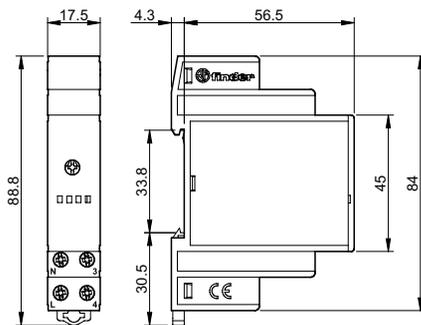




## 14.81

EN 60669-1 / EN 60669-2-1	
	<b>14.81.8.xxx.0000</b> U <sub>N</sub> 230 V AC (50/60 Hz) U <sub>N</sub> 120 V AC (50/60 Hz) U <sub>min</sub> - U <sub>max</sub> (0.8...1.1)U <sub>N</sub> P 3 VA / 1.2 W
	1 NO (SPST-NO) 16 A 230 V AC
	AC1 3700 VA AC15 (230 V AC) 750 VA
	(230 V AC) 1000 W
	CFL - LED 230 V 600 W
IP20	

	(230 V AC) 3000 W
T = (0.5...20) min	
	(-10...+60)°C
	25 (≤ 1 mA)



## ENGLISH

**14.81 MONO-FUNCTION ELECTRONIC STAIRCASE TIMER**  
35 mm (EN 60715) rail mounting, suitable for 3 or 4 wire.  
"Zero Crossing" load switching.

**1** 3 WIRE CONNECTION DIAGRAM

**2** 4 WIRE CONNECTION DIAGRAM

**3** FRONT VIEW

A = Time adjustment trimmer

**4** FUNCTIONS

**4a** Staircase time delay - retriggeable

**4b** "Staircase maintenance" function. An impulse of  $\geq 5$  seconds will close the output contact for 60 minutes, after which time the contact will open. Ideal for maintenance or cleaning activities. The 60' timing can be interrupted by a further impulse of  $\geq 5$  seconds.

### PUSH-BUTTON CONFIGURATION

On initial installation and after applying the supply, the 14.81 will be waiting for the press of any push-button to configure itself. If it is an illuminated push-button, it will be blinking. On pressing the button, the 14.81 will configure itself as line or neutral, dependent on the installation wiring, and the illuminated push-button will change to a steady light. In case of power down; when the voltage is restored the illuminated push-button will blink for 30seconds and then the 14.81 will configure itself to the same configuration as existed before the power down. Otherwise, if any button is pressed before the 30 seconds has expired, the 14.81 will configure itself according to the installation wiring existing at the current time.

The illuminated push-button will show a steady light after the button is pressed or after the 30seconds. The push buttons will not function if incorrectly wired.

### WORKING CONDITIONS

In conformity with the European Directive on EMC 2014/30/EU, the timer relay has a level of immunity, against radiated and conducted disturbances, considerably higher than requirements of EN 60669-2-1 standard. However, devices like transformers, motors, contactors, switches and power cables may cause disturbances and even damage the timer electronic circuit.

For that reason, the wiring cables must be as short as possible, and, when necessary, the timer shall be protected by the relevant RC network, varistor or surge voltage protector.