

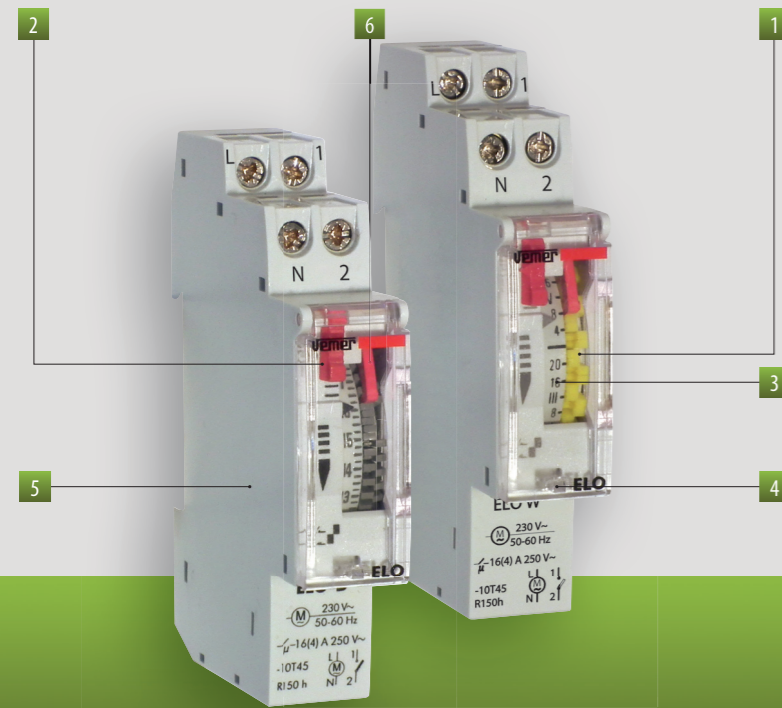
Electromechanical time switches

ELO

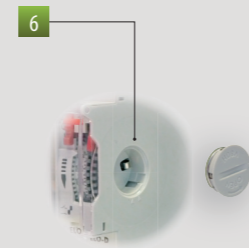
DIMENSIONS (mm)

CONNECTION DIAGRAM

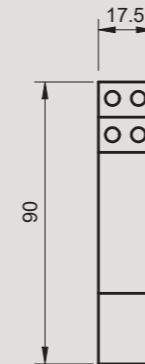
Electromechanical time switches with trippers intended for the management of electrical users over time with daily or weekly programming and charge reserve. The battery can be easily replaced once exhausted by accessing the laterale panel on the instrument (not present in the ELO-ED model).



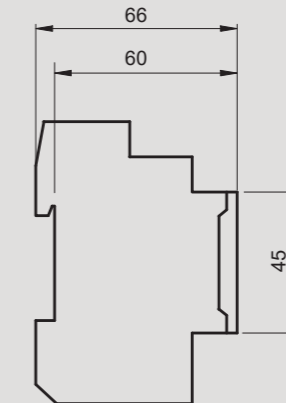
- 1 Trippers for the programming of the time activation
- 2 Switching for the choice of the operating mode
- 3 Dial for time and minutes setting
- 4 Sealable cover
- 5 Container: 1 DIN module
- 6 Cover for battery replacement (not present in the model ELO-ED)



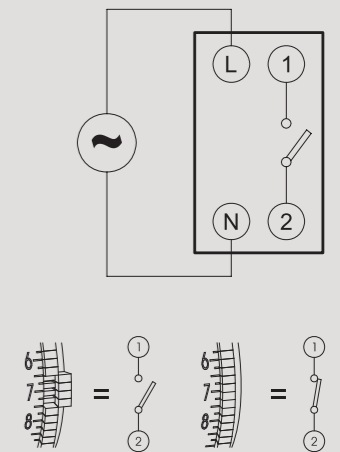
Front view



Side view



Diagram



TIME AND MANAGEMENT

DAILY/WEEKLY TIME SWITCHES

- 3-position selector for the operating mode:
 - 0 always off
 - ☉ automatic (following the programming set with the trippers)
 - I always on
- NiMH (V80H type) rechargeable and replaceable (not present in the model ELO-ED)
- Charge reserve: 150 hours (not available for the model ELO-ED)



ELO-D, ELO-ED

- daily programming
- quadrant of 24 hours with 96 trippers
- every tripper covers 0.25 hours (15 minutes)



ELO-W

- weekly programming
- quadrant of 7 days with 84 trippers
- every tripper covers 2 hours (120 minutes)

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply	V AC	115 or 230 (± 10%) (depending on model)
Frequency	Hz	50 / 60
Absorption	W	0.5
Relay capacity 250 V AC		16(4)
Operating precision		± 1 second/day at 23°C
Type of quadrant	- ELO-D - ELO-W	96 trippers 84 trippers
Minimum intervention time	- ELO-D - ELO-W	15 minutes 2 hours (120 minutes)
Intervention precision:	- ELO-D - ELO-W	±5 minutes ± 30 minutes
Charge reserve		150 hours (NiMH battery rechargeable replaceable)

Operating temperature	°C	-10 ÷ 45
Protection class		II
Protection degree		IP20
Container		1 DIN module
Maximum cables section	mm ²	4

CONNECTABLE LOADS

Incandescent		2500 W
Fluorescent (neon)		1200 VA
Low voltage halogen		2000 VA
Halogen (230 V~)		2500 W
Low consumption (CFL)		1000 VA
Low consumption (CFL)		900 VA
Led		100 VA

Code	Model	Description	Power supply
VP877500	ELO-D	Daily electromechanical time switch with charge reserve (replaceable battery)	230 Vac
VP877501	ELO-D	Daily electromechanical time switch with charge reserve (replaceable battery)	115 Vac
VP878300	ELO-W	Daily electromechanical time switch with charge reserve (replaceable battery)	230 Vac
VE785400	ELO-ED	Daily electromechanical time switch without charge reserve	230 Vac

REFERENCE STANDARDS

Compliance with Community Directives: 2014/35/EU (LVD) • 2014/30/EU (EMCD) is declared with reference to the following standard: EN 60730-2-7



ELO-ENG-202206

