

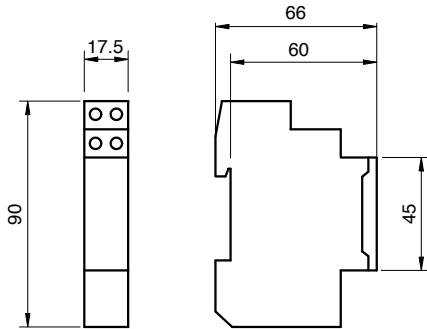
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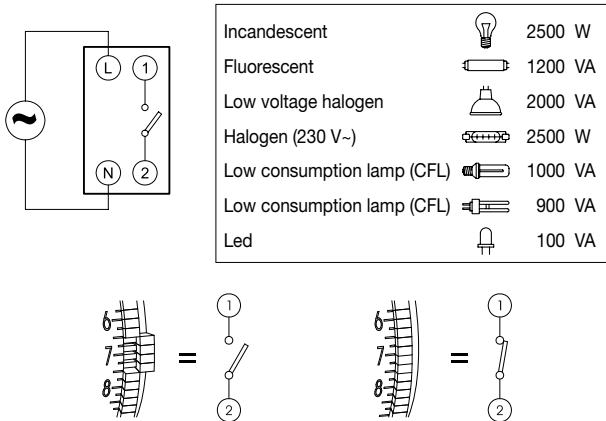
Mod. ELO



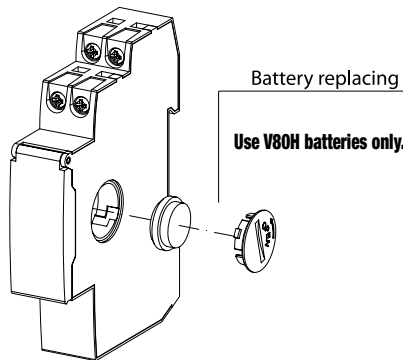
### Dimensions



### Connection diagrams



### Battery replacing



information to users pursuant to art. 14 of the directive 2012/19 / EU of the european parliament and of the council of 4 July 2012 on waste electrical and electronic equipment (WEEE)



If the crossed-out bin symbol appears on the equipment or packaging, this means the product must not be included with other general waste at the end of its working life.

The user must take the worn product to a sorted waste center, or return it to the retailer when purchasing a new one.

Products for disposal can be consigned free of charge (without any new purchase obligation) to retailers with a sales area of at least 400 m<sup>2</sup>, if they measure less than 25 cm.

An efficient sorted waste collection for the environmentally friendly disposal of the used device or its subsequent recycling, helps avoid the potential negative effects on the environment and people's health, and encourages the re-use and/or recycling of the construction materials.

## User Manual

### ANALOG TIME SWITCH WITH TRIPPERS

Read all the instructions carefully

- The **ELO-D**, **ELO-ED** and **ELO-W** time switches control any electrical installation by means of daily (Elo-D/Elo-ED) or weekly (Elo-W) programs. For models ELO-D and ELO-W the cover on the side of the instrument makes it possible to replace the battery when it is run down. They are designed for household and similar operation with normal pollution levels.

### SAFETY WARNINGS

- The instrument must be installed and activated by qualified personnel, following the connection diagrams provided in this manual scrupulously.
- After installation, it must be made impossible to access the terminals without specific tools
- Before accessing the connection terminals, verify that the leads are not live
- Do not connect or power the instrument if any part of it is damaged
- The instrument must be installed and activated in compliance with current electric systems standards.
- Do not use the instrument for purposes other than those indicated.

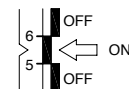
Code	Model	Description	Power Supply
VP877500	ELO-D	Daily analog time switch with power reserve	230 Vac
VP877501	ELO-D	Daily analog time switch with power reserve	115 Vac
VE785400	ELO-ED	Daily analog time switch without power reserve	230 Vac
VP878300	ELO-W	Weekly analog time switch with power reserve	230 Vac

### TECHNICAL SPECIFICATIONS

- Power supply: 115 or 230 V AC ( $\pm 10\%$ ) - 50/60 Hz (depending on model)
- Power consumption: 0.5 W
- Switching capability: 16 (4) A 250 V~
- Operating accuracy:  $\pm 1$  second/day at 23°C
- Type of dial:
  - ELO-D/ELO-ED: 96 pins
  - ELO-W: 84 pins
- Minimum time of functioning:
  - ELO-D/ELO-ED: 15 minutes
  - ELO-W: 2 hours
- Switching accuracy:
  - ELO-D/ELO-ED:  $\pm 5$  minutes
  - ELO-W:  $\pm 30$  minutes
- Manual control by 3 positions selector:
  - - Permanent disconnected
  - ⊙ - Automatic operation
  - I - Permanent connected
- Power reserve: 150 hours (NiMH rechargeable battery – replacing) only on **ELO-D** and **ELO-W**
- Operating temperature:  $-10\text{ }^{\circ}\text{C} \div 45\text{ }^{\circ}\text{C}$
- Protection class: II
- Protection category: IP20
- 1 DIN module container
- Maximum cables section: 4 mm<sup>2</sup>

### PROGRAMMING

- Lift the transparent protective cover, located on the front of the time switch, using the lower notch.
- Program the intervention of the time switch within 24 h (ELO-D/ELO-ED) or 7 days (ELO-W) (turn the dial in the direction indicated by the arrow on the front of the switch) positioning the small trippers with a horizontal movement from right to left.



- Each small stand corresponds to 15 min. of functioning (ELO-D/ELO-ED) or 2h (ELO-W).
- The number of the moved small trippers determines the duration of the functioning.
- Set the current time by acting directly on the toothed part of the dial, turning it in the direction indicated by the arrow on the front.
- Set the operating mode using the manual selector.
- Close the protective cover in its housing.
- Power the product.

### BATTERY REPLACING

- To replace the battery (only on **ELO-D** and **ELO-W**):
  - disconnect the power supply
  - remove the battery cover on the right side, turning in the direction of the arrow
  - replace the battery and replace the cover
  - connect the power supply

It is necessary to remove the batteries before the instrument is scrapped.

In case of replacement, dispose of the batteries in the special containers of separate waste collection.



### REFERENCE STANDARDS

- Compliance with Community Directives: **2014/35/UE** (LVD); **2014/30/UE** (EMCD) is declared in reference to the harmonized standard: • **EN 60730-2-7**