

# Electromechanical time switches

## DUET

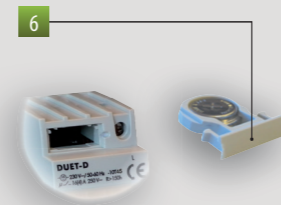
### DIMENSIONS (mm)

### CONNECTION DIAGRAM

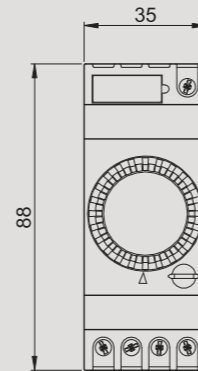
Electromechanical time switches with daily or weekly programming by trippers intended for the management of electrical loads over time. The rechargeable NiMH battery allows a charge reserve of 150 hours and can be easily replaced once exhausted by accessing on the front panel of the instrument (not present in the DUET-ED model).



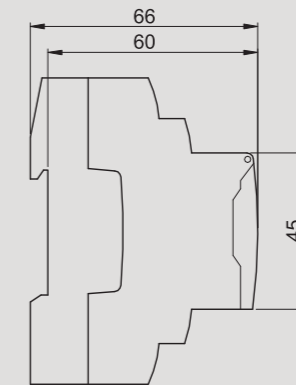
- 1 Trippers for the programming of activation time
- 2 Switch for the choice of the operating mode
- 3 Dial for time and minutes regulation
- 4 Sealable cover
- 5 Container: 2 DIN modules
- 6 Battery drawer for battery replacement (not present in the model DUET-ED)



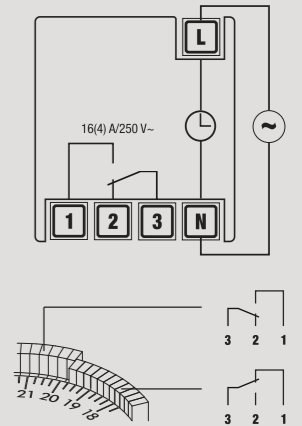
#### Front view



#### Side view



#### Diagram



## TIME AND MANAGEMENT

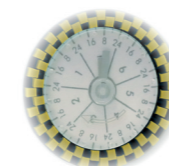
### DAILY/WEEKLY TIME SWITCHES

- 3-position switch for the operating mode:
  - O** always OFF
  - A** automatic (according to the set programming with the trippers)
  - I** always ON
- NiMH battery (V80H type), rechargeable and replaceable (not present in the model DUET-ED)
- Charge reserve of 150 hours (not available for the model DUET-ED)



#### DUET-D, DUET-ED

- daily programming
- 24 hours quadrant with 48 trippers
- every tripper covers 0.5 hours (30 minutes)



#### DUET-W

- weekly programming
- 7 days quadrant with 48 trippers
- every tripper covers 3.5 hours (210 minutes)

Code	Model	Description	Power supply
VP879100	DUET-D	Daily electromechanical time switch with charge reserve (replaceable battery)	230 Vac
VP879101	DUET-D	Daily electromechanical time switch with charge reserve (replaceable battery)	115 Vac
VE125100	DUET-W	Weekly electromechanical time switch with charge reserve (replaceable battery)	230 Vac
VE785600	DUET-ED	Daily electromechanical time switch without charge reserve	230 Vac

### 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	A	16 (4)
Operating precision	s	± 1 second/day at 23°C
Quadrant type		48 trippers
Minimum intervention time:	- DUET-D, DUET-ED - DUET-W	30 minutes 3.5 hours (210 minutes)
Intervention precision:	- DUET-D, DUET-ED - DUET-W	± 5 minutes ± 35 minutes
Charge reserve	h	150 (NiMH battery rechargeable and replaceable)

Operating temperature	°C	-10 ÷ 45
Class of protection		II
Protection degree		IP20
Container		2 DIN modules
Maximum cables section	mm <sup>2</sup>	4

#### CONNECTABLE LOADS

Incandescent		3000 W
Fluorescent (neon)		1200 VA
Low voltage halogen		2000 VA
Halogen (230 V~)		3000 W
Low consumption (CFL)		1000 VA
Low consumption (CFL)		900 VA
Led		200 VA

#### REFERENCE STANDARDS

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