Electromechanical time switches

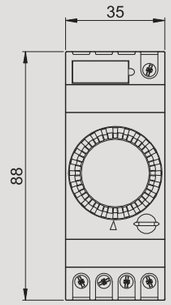
DUET

Electromechanical time switches with daily or weekly programming by trippers for domestic use.
The NiMH battery allows a charge reserve of 150 hours and it can be replaced once depleted by opening the front cover of the instrument.

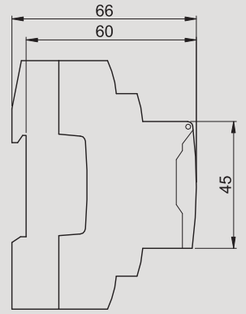
1 Trippers for the programming of activation time
2 Switch for the choice of the operating mode
3 Dial for time and minutes regulation
4 Sealable cover
5 Container: 2 DIN modules
6 Battery drawer (for replacement)

DIMENSIONS (mm)

Front view

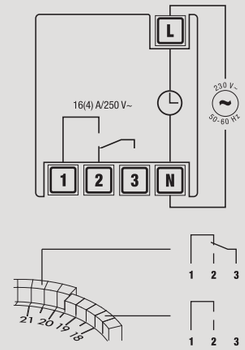


Side view



CONNECTION DIAGRAM

Diagram



TIME MANAGEMENT

TECHNICAL INFORMATION

DAILY/WEEKLY TIME SWITCHES

- Power supply: 230Vac (-15% ÷ +10%)
- Output relays capacity: 16(4) A / 250 Vac
- Operating mode:
  O always OFF
  A automatic (according to the set programming with the trippers)
  I always ON
- NiMH battery (V80H type) chargeable and replaceable by the front cover of the instrument
- Charge reserve of 150 hours

DUET-D

- 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
VP879100	DUET-D	Daily electromechanical time switch
VE125100	DUET-W	Weekly electromechanical time switch

GENERAL CHARACTERISTICS

Power supply	V AC	230 (- 15% ÷ +10%)
Frequency	Hz	50 / 60
Absorption	W	0.5
Output relays capacity		16(4) A / 250 Vac
Operating precision		± 1 second/day at 23°C
Quadrant type		48 trippers
Minimum intervention time:	- DUET-D	30 minutes
	- DUET-W	3,5 hours (210 minutes)
Intervention precision:	- DUET-D	± 7.5 minutes
	- DUET-W	± 52.5 minutes
Charge reserve	h	150 (NiMH battery chargeable and replaceable)
Operating temperature		-10 °C ÷ +50 °C
Class of protection		II
Degree of protection		IP20
Container		2 DIN modules

CONNECTABLE LOADS

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

REFERENCE STANDARDS

Compliance with Community Directives: 2006/95/EC (Low Voltage) and 2004/108/EC (E.M.C.) is declared with reference to the following Harmonized Standards:• EN 60730-2-7