

Electromechanical time switches

ARVO

DIMENSIONS (mm)

CONNECTION DIAGRAM

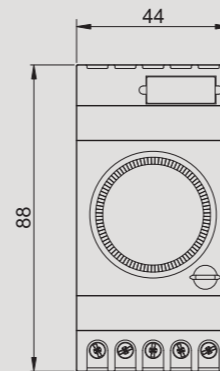
Electromechanical time switches with daily or weekly programming by trippers intended for the management of electrical loads over time. The rechargeable NiMH battery allows a charge reserve of 150 hours and can be easily replaced once exhausted by accessing on the front panel of the instrument (not present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



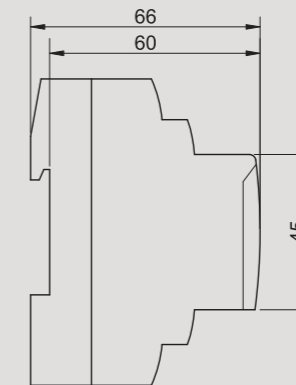
- 1 Trippers for the programming of activation time
- 2 Switch for the choice of the operating mode
- 3 Dial for time and minutes regulation
- 4 Sealable cover
- 5 Container: 2.5 DIN modules
- 6 Battery drawer (for replacement)



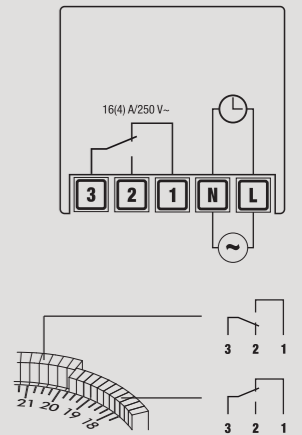
Front view



Side view



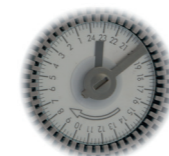
Diagram



TIME AND MANAGEMENT

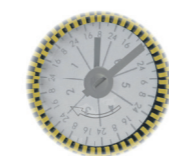
DAILY/WEEKLY TIME SWITCHES

- 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 ARVO-ED)
- Charge reserve of 150 hours (not available for the model ARVO-ED)



ARVO-D, ARVO-ED

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



ARVO-W

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

Code	Model	Description	Power supply
VP882500	ARVO-D	Daily electromechanical time switch with charge reserve (replaceable battery)	230 Vac
VP882501	ARVO-D	Daily electromechanical time switch with charge reserve (replaceable battery)	115 Vac
VP882510	ARVO-D	Daily electromechanical time switch with charge reserve (replaceable battery)	12 Vdc
VP883300	ARVO-W	Weekly electromechanical time switch with charge reserve (replaceable battery)	230 Vac
VE785500	ARVO-ED	Electromechanical time switch without charge reserve	230 Vac

TECHNICAL INFORMATION

GENERAL CHARACTERISTICS

Power supply	V AC	115 o 230 (± 10%) (depending on model)
Frequency	Hz	50 / 60
Power supply	V DC	12 (depending on model)
Absorption	W	0.5
Relay capacity 250 V AC	A	16(4)
Operating precision		± 1 second/day at 23 °C
Quadrant type	- ARVO-D, ARVO-ED	96 trippers
	- ARVO-W	84 trippers
Minimum intervention time:	- ARVO-D, ARVO-ED	15 minutes
	- ARVO-W	2 hours (120 minutes)
Intervention precision:	- ARVO-D, ARVO-ED	±5 minutes
	- ARVO-W	± 30 minutes
Charge reserve	h	150 (NiMH battery rechargeable and replaceable)

Operating temperature	°C	-10 ÷ 50
Class of protection		II
Protection degree		IP20
Container		2.5 DIN module
Maximum cables section	mm ²	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