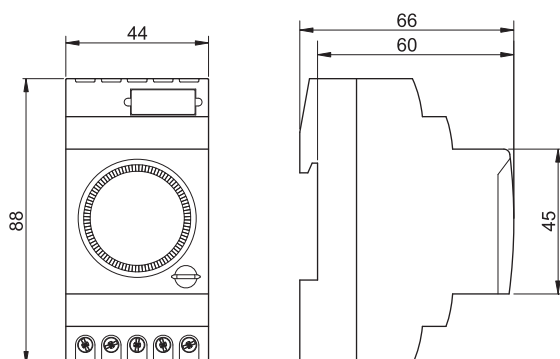
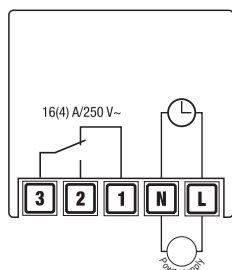




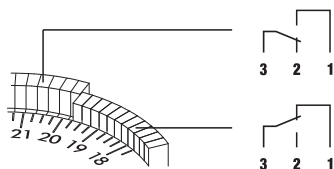
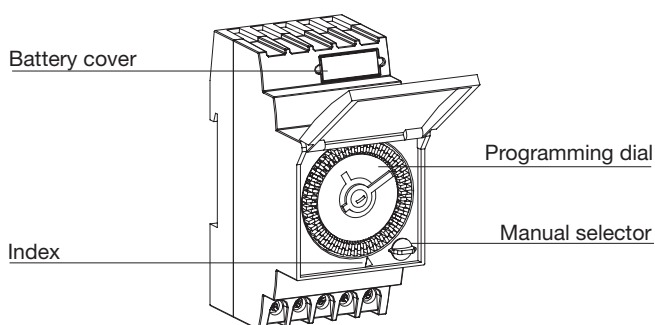
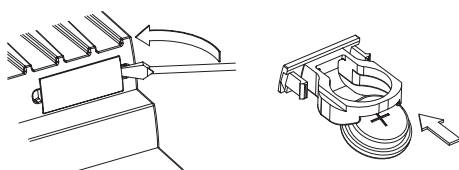
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Mod. **ARVO-D**
ARVO-W**DIMENSIONS****CONNECTION DIAGRAMS**

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		200 VA

**DESCRIPTION****BATTERY REPLACEMENT****USER MANUAL****ANALOG TIME SWITCH WITH TRIPPERS**

⚠ Read carefully all instructions

- The ARVO-D and ARVO-W time switches control any electrical installation by means of daily (Arvo-D) or weekly (Arvo-W) programs. They are designed for household and similar operation with normal pollution levels.
- The cover on the front of the device makes it possible to replace the battery when it is run down.

SAFETY WARNINGS

- The device 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 device if any part of it is damaged**
- The device must be installed and activated in compliance with current electric systems standards**
- Do not use the device for purposes other than those indicated.**

Code	Model	Description
VP882500	ARVO-D	Daily analog time switch 230V
VP882510	ARVO-D	Daily analog time switch 12V
VP883300	ARVO-W	Weekly analog time switch 230V

TECHNICAL CHARACTERISTICS

- Power supply:
 - 230 V AC 50/60Hz (codes VP882500, VP883300)
 - 12 V DC $\pm 20\%$ (code VP882510)
- Power consumption:
 - 0,5 W (codes VP882500, VP883300)
 - 0,5 W, 20 mA (code VP882510)
- Switching capability: 16 (4) A 250 V~
- Operating accuracy: ± 1 second/day at 23°C
- Type of dial:
 - ARVO-D: 96 pins
 - ARVO-W: 84 pins
- Minimum time of functioning:
 - ARVO-D: 15 minutes
 - ARVO-W: 2 hours
- Switching accuracy:
 - ARVO-D: ± 5 minutes
 - ARVO-W: ± 30 minutes
- Manual control by 3 positions selector:
 - 0** - Permanent disconnected
 - A** - Automatic operation
 - I** - Permanent connected
- Power reserve: 150 hours (NiMH rechargeable battery – replacing)
- Operating temperature: $-10^{\circ}\text{C} \div +50^{\circ}\text{C}$
- Protection class: II
- Protection category: IP20
- 2,5 DIN modules container

PROGRAM

- Lift the transparent cover
- Move all the setting pins towards the interior of the sphere (contact 3-1 remains closed)
- Move the setting pins corresponding to the desired switch on times outwards, in which contact 3-1 remains closed. Each pin corresponds to 15 minutes of functioning for Arvo-D and 2 hours for Arvo-W
- The number of pins outwards determines the time of functioning
- Rotate the minute hand clockwise until the index and hands indicate the current time
- Close the transparent cover
- Power the device
- Manual mode: 3 positions are available with the selector.

BATTERY REPLACEMENT

- To replace the battery:
 - disconnect the power supply
 - remove the battery holder
 - replace the battery
 - connect the power supply
- Use V80H batteries only.
- Throw away the run down batteries in compliance with current regulations on the disposal of harmful waste.

**REFERENCE STANDARDS**

Compliance with Community Directives

2006/95/EC (Low Voltage)**2004/108/EC** (E.M.C.)

is declared in reference to the harmonized standard:

EN 60730-2-7**Energy Conservation Solutions Pty Ltd**Exclusive Distributor for **VEMER** in Australia

Locations: VIC/TAS, NSW, QLD, ACT, SA/NT & WA

Phone: **1300 306 136**For contact details visit: **www.ecs.net.au**