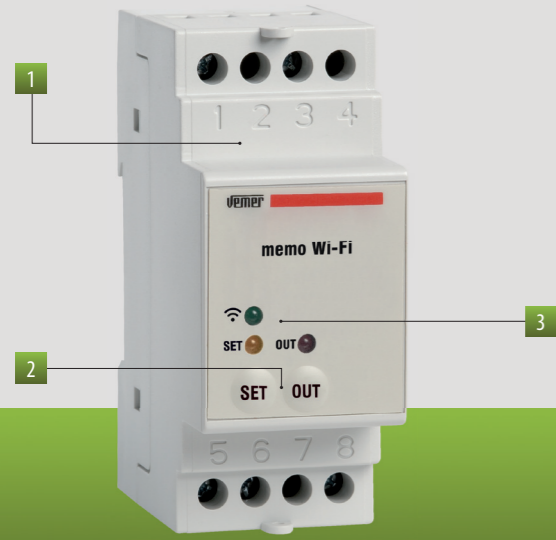


# Time/astronomical switches

Modular digital time switches with Wi-Fi connection for the management of electrical loads over time with maximum precision. They allow a time programming with daily or weekly or astronomical. The free App, available for iOS and Android system, allows programming and full control of the device remotely. The memo Wi-Fi, using the built-in Wi-Fi module, connects to the Internet through the home router.



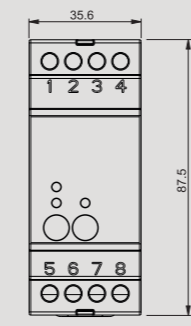
## MEMO WI-FI

- 1 Wi-Fi module compatible with 802.11 b/g/n standard
- 2 Buttons for configuring and managing the device
- 3 Operation status signaling LEDs
- 4 Free app for iOS and Android smartphone and tablet

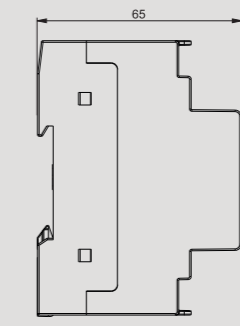


## DIMENSIONS (mm)

### Front view

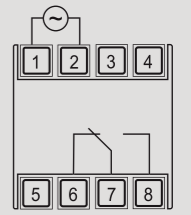


### Side view



## CONNECTION DIAGRAM

### Diagram



## TIME AND MANAGEMENT

## TECHNICAL INFORMATION

### DAILY/WEEKLY SWITCHES WITH WI-FI INTERFACE

- Hourly (daily or weekly) or astronomical programming
- Programs: ON, OFF, pulse (from 1 to 59 seconds), holidays, night (astronomical)
- Random switching function of the output
- Relay manual override (temporary or permanent)
- Automatic daylight saving time update and automatic synchronization when connected to the network
- Correction of the calculated sunrise and sunset times:  $\pm 120$  minutes
- "Local operation lock" function: allows device control exclusively with the app (keyboard changes are ignored)
- "Transfer" function: allows you to transfer control of the device from one user to another (for example from the installer to the end user)
- Wi-Fi interface with 802.11 b/g/n standard
- Operating frequency band: 2.4GHz

#### What you can do with the app

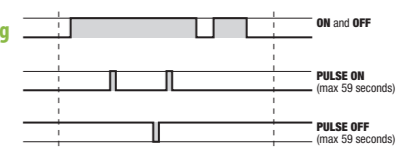
- Create, edit and rename programs
- Upload created programs to one or more memo Wi-Fi switches
- Switch relay outputs manually
- Configure geographic coordinates
- Check the working status of the memo Wi-Fi switches
- Transfer control of memo Wi-Fi from one user to another



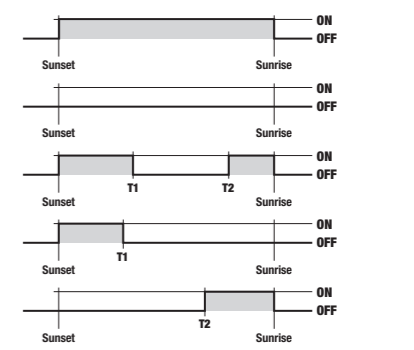
### GENERAL CHARACTERISTICS

|                                     |        |                            |
|-------------------------------------|--------|----------------------------|
| Power supply                        | Vac    | 110 ÷ 240 (50/60 Hz)       |
| Absorption                          | VA (W) | 4,7 VA (1,5 W)             |
| Output:                             |        | 1 change-over relay        |
| Relay capacity at 250 Vac           | A      | 16 (10)                    |
| Incandescent lamps                  | W      | 2000                       |
| Fluorescent lamps (compensated)     | VA     | 250                        |
| Low voltage halogen lamps           | VA     | 1000                       |
| Halogen lamps (at 240 V)            | W      | 2000                       |
| Low consumption lamps (CFL)         | VA     | 200                        |
| Low consumption lamps (Downlights)  | VA     | 200                        |
| LED                                 | VA     | 25                         |
| Charge reserve                      | h      | 72                         |
| Switchings in case of power failure |        | no                         |
| Programming resolution              |        | 1 minute                   |
| N. programs (events)                |        | 60                         |
| Operating temperature               | °C     | -20 ÷ 50                   |
| Storage temperature                 | °C     | -20 ÷ 70                   |
| Degree of protection                |        | IP20 / IP41 (on the front) |

#### Time programming



#### Astronomical programming



T1 and T2 can be:  
 1. a precise hour  
 2. a delay compared at sunset (T1) or an advance respect at sunrise (T2)  
 3. a pulse with a maximum duration of 59 seconds at sunset (T1) or at sunrise (T2)

### REFERENCE STANDARDS

Compliance with Community Directives: 2014/53/EU (RED) is declared with reference to the following standards:  
 • EN 60730-2-7 • ETSI EN 301 489-1 • ETSI EN 301 489-17 • ETSI EN 300 328

| Code     | Model      | Description  | n. relays |
|----------|------------|--|-----------|
| VE780700 | memo Wi-Fi | Daily/weekly/astronomical time switch with 1 relay and Wi-Fi interface | 1         |