

ALL IN ONE  
daily  
weekly  
yearly  
astro  
PROGRAM

WEB  
SERVER

Wi-Fi  
2.4 GHz



EAN code  
SHT-14/1: 8595188192279

### Technical parameters

#### SHT-14/1

|                           |                                                |
|---------------------------|------------------------------------------------|
| Supply terminals:         | A1-A2                                          |
| Supply voltage:           | AC 110 – 230 V (50-60 Hz)                      |
| Consumption (max.):       | Wi-Fi "OFF" 0.35 W/0.8 VA   "ON" 0.80 W/1.5 VA |
| Supply voltage tolerance: | -25 %; +10 %                                   |

### Output

|                           |                                     |
|---------------------------|-------------------------------------|
| Contact type:             | 1x changeover (AgSnO <sub>2</sub> ) |
| Current rating:           | 16 A/AC1                            |
| Breaking capacity:        | 4000 VA/AC1, 384 W/DC1              |
| Inrush current:           | 30 A/< 3 s                          |
| Switching voltage:        | 250 V AC/24 V DC                    |
| Power dissipation (max.): | 1.2 W                               |
| Mechanical life:          | 30.000.000 ops.                     |
| Electrical life (AC1):    | 100.000 ops.                        |

### Time circuit

|                          |                                   |
|--------------------------|-----------------------------------|
| Accuracy:                | max. ±0.5 s/day at 23°C (73.4 °F) |
| Min. switching interval: | 1 s                               |
| Data retention time:     | min. 10 years                     |
| Set time backup:         | 30 h                              |

### Program circuit

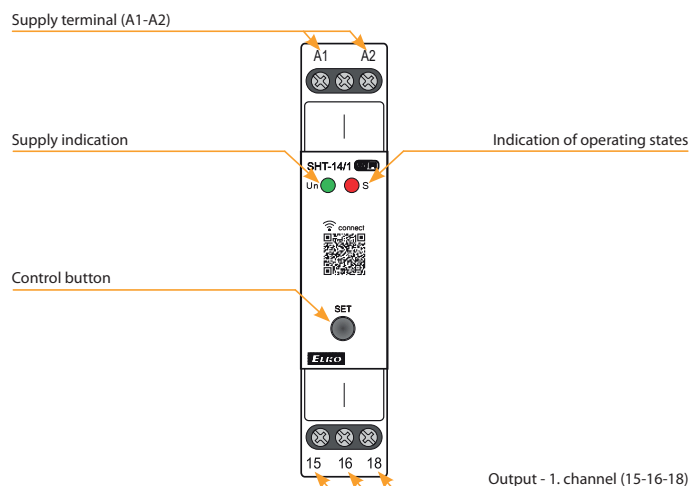
|                             |                                    |
|-----------------------------|------------------------------------|
| Number of memory locations: | 200 - time programs, 30 - holidays |
| Program type:               | daily, weekly, yearly, astro       |
| Settings via website:       | by Wi-Fi (2.4 GHz)                 |

### Other information

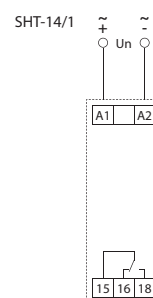
|                                                                          |                                              |
|--------------------------------------------------------------------------|----------------------------------------------|
| Operating temperature:                                                   | -15 .. +50 °C (-4 .. 131 °F)                 |
| Storage temperature:                                                     | -30 .. +70 °C (-22 .. 158 °F)                |
| Dielectric strength:                                                     | AC 4 kV                                      |
| Operating position:                                                      | any                                          |
| Mounting:                                                                | DIN rail EN 60715                            |
| Protection degree:                                                       | IP40 front panel/IP20 terminals              |
| Overvoltage category:                                                    | III.                                         |
| Pollution degree:                                                        | 2                                            |
| Cross-wire section – solid/<br>stranded with ferrule (mm <sup>2</sup> ): | max. 1× 2.5, 2× 1.5/<br>max. 1× 2.5 (AWG 12) |
| Dimensions:                                                              | 90 × 17.6 × 64 mm (3.5" × 0.7" × 2.5")       |
| Weight:                                                                  | 71 g (2.5 oz)                                |
| Standards:                                                               | EN 61812-1                                   |

- All programs in one device (daily, weekly, yearly and astronomical).
- Universal supply voltage in range of AC 110 – 230 V (50-60 Hz).
- Simple setting after the first start-up.
- Integrated super capacitor to back up the set time during power outages.
- Built-in web server for setup and control via Wi-Fi connection.
- Time synchronization through NTP server (require internet connection).
- Possibility of permanent connection to the local network.
- Without display in 1-module housing.
- ASTROnomic program: manual entry of coordinates or selecting from one of more than 500 preset cities.
  - selection of days of the week
  - astro interrupt function (night break): controls the sunrise/sunset times and compares them with the set OFF/ON times
  - high position accuracy thanks to two decimal places in latitude/logitude
- 1-channel design (with an operating hours counter).
- Pulse/cycle output mode.
- Transition of summer/winter time – AUTO or OFF.
- Wireless firmware update - **current version 1.49**

### Description



### Connection



### Symbol

