

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:	1× 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

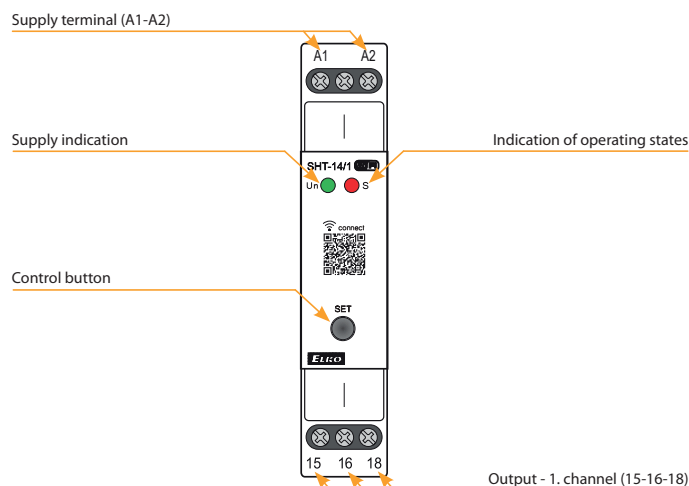
Number of memory locations:	200 - time programs, 30 - holidays
Program type:	daily, weekly, yearly, astro
Settings via website:	by Wi-Fi (2.4 GHz)

### Other information

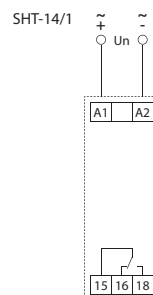
Operating temperature:	-15 .. +50 °C (-4 .. 131 °F)
Storage temperature:	-30 .. +70 °C (-22 .. 158 °F)
Dielectric strength: supply – output	AC 4 kV
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP40 front panel/IP20 terminals
Overvoltage category:	III.
Pollution degree:	2
Cross-wire section – solid/ stranded with ferrule (mm <sup>2</sup> ):	max. 1× 2.5, 2× 1.5/ 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



### Indication of operating states

### Symbol

