

ALL IN ONE



EAN code  
5901910881808

**Technical parameters** **SHT-13**

Supply terminals:	A1-A2
Supply voltage:	AC/DC 24 - 240 V (AC 50-60 Hz)
Consumption (max.):	N/A
Supply voltage tolerance:	-15 %; +10 %

**Output**

Number of contacts:	2x changeover/SPDT (AgSnO <sub>2</sub> )
Rated current:	16 A/AC1
Switched power:	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):	60.000 ops.

**Time circuit**

Accuracy:	max. ±1 s/day at 23°C (73.4 °F)
Min. switching interval:	1 s
Settings retention time:	min. 10 years
Time ranges:	up to 3 years (CR 2032 - 3V)

**Program circuit**

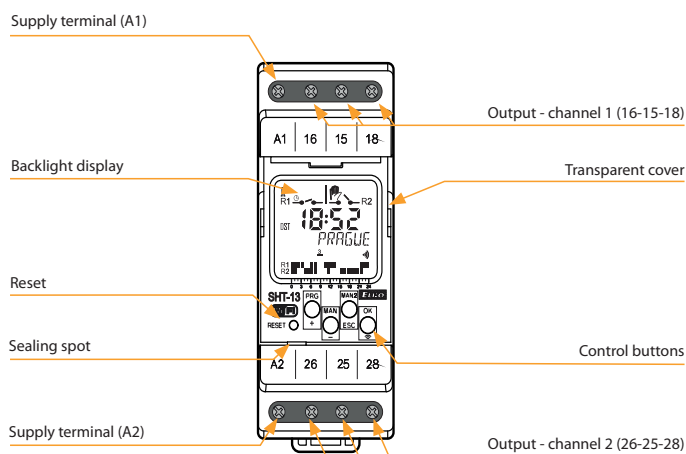
Number of memory locations:	100
Program:	daily, weekly, yearly, astro
Displayed data:	LCD display with white backlight
Settings via website:	by Wi-Fi (2.4 GHz)

**Other information**

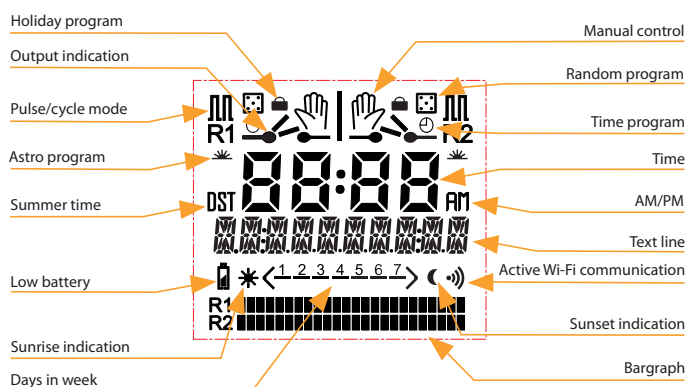
Operating temperature:	-20 °C .. +55 °C
Storage temperature:	-30 °C .. +70 °C
Dielectric strength:	4 kV (supply – voltage)
Operating position:	any
Mounting:	DIN rail EN 60715
Protection degree:	IP40 front panel / IP20 terminals
Overvoltage category:	III.
Pollution degree:	2
Cross-wire section – solid/ stranded with ferrule (mm <sup>2</sup> ):	max. 1x 2.5, 2x 1.5/ max. 1x 2.5 (AWG 14)
Dimensions:	90 x 35 x 64 mm (3.5" x 1.4" x 2.5")
Weight:	135 g (4.8 oz)
Standards:	EN 61812-1

- All-in-One programs in one device (daily, weekly, yearly and astronomical)
- UNiversal voltage range AC/DC 24 - 240 V (AC 50-60 Hz)
- Simple setting after the first start-up
- Replaceable battery for time back-up (<1 minute to replace battery without losing data)
- Built-in Web Server for setup and control via Wi-Fi connection
- Time synchronization through NTP server
- New well-arranged display with white backlight
- ASTROnomic program: manual entry of coordinates or selecting one of the preset cities
- 2-channels (each with an hour counter)
- Pulse/Cycle output mode
- Transition of summer/winter time – AUTO or OFF
- Sealable transparent front panel cover
- Additional switching programs: random, holiday
- PIN code protection against unauthorized changes
- Remote firmware update

**Description**



**Description of displayed elements**



**Connection** **Symbol**

