

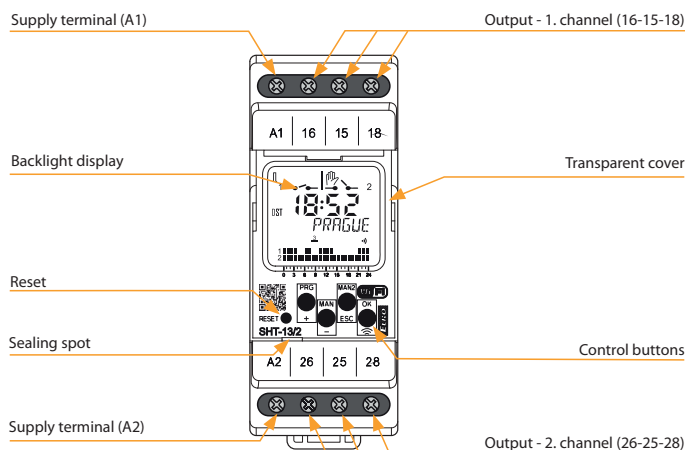
ALL IN ONE

daily
weekly
yearly
astroWEB
SERVERWi-Fi
2.4 GHzEAN code
SHT-13: 8595188189071
SHT-13/2: 8595188184854

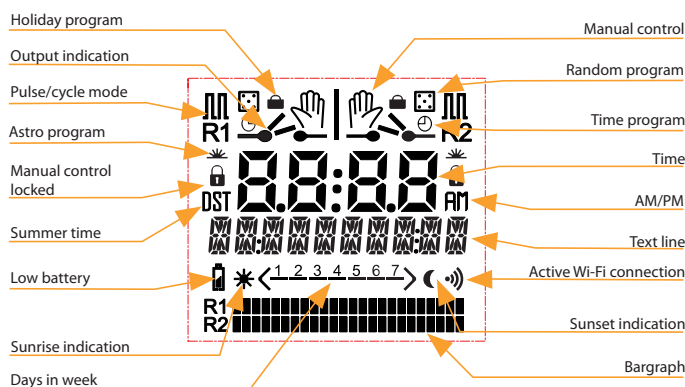
- All programs in one device (daily, weekly, yearly and astronomical).
- UNiversal supply voltage in range of AC/DC 24 – 240 V (AC 50-60 Hz).
- Simple setting after the first start-up.
- Replaceable battery for time back-up (replace battery without losing real time clock, after disconnection of supply voltage).
- Built-in web server for setup and control via Wi-Fi connection.
- Time synchronization through NTP server (require internet connection).
- New well-arranged display with white backlight.
- ASTROnomic program: manual entry of coordinates or selecting one of the preset cities.
- One / two channel design (each with an operating hours 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.
- Wireless firmware update.

Description

SHT-13/2



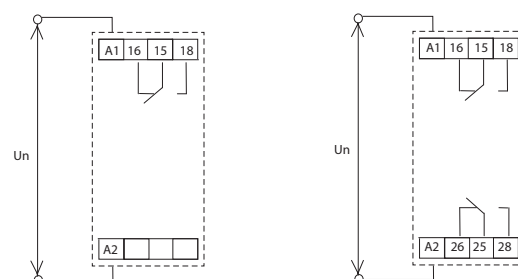
Description of displayed elements



Connection

SHT-13

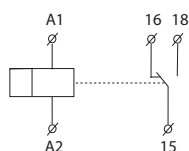
SHT-13/2



Technical parameters		SHT-13	SHT-13/2
Supply terminals:	A1-A2		
Supply voltage:	AC/DC 24 – 240 V (AC 50-60 Hz)		
Consumption (max.):	Wi-Fi “OFF” 0.5 W/2 VA “ON” 1 W/3 VA		
Supply voltage tolerance:	–15 %; +10 %		
Output			
Contact type:	1× changeover (AgSnO ₂)	2× changeover (AgSnO ₂)	
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	2.4 W	
Mechanical life:	30.000.000 ops.		
Electrical life (AC1):	100.000 ops.		
Time circuit			
Accuracy:	max. ±1 s/day at 23°C (73.4 °F)		
Min. switching interval:	1 s		
Data retention time:	min. 10 years		
Set time backup:	up to 3 years (CR 2032 - 3V)		
Program circuit			
Number of memory locations:	200		
Program type:	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 .. +55 °C (–4 .. 131 °F)		
Storage temperature:	–30 .. +70 °C (–22 .. 158 °F)		
Dielectric strength:			
supply – output	AC 4 kV		
output 1 – output 2	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/	max. 1× 2.5, 2× 1.5/		
stranded with ferrule (mm²):	max. 1× 2.5 (AWG 14)		
Dimensions:	90 × 35 × 64 mm (3.5” × 1.4” × 2.5”)		
Weight:	122 g (4.3 oz)	135 g (4.8 oz)	
Standards:	EN 61812-1		

Symbol

SHT-13



SHT-13/2

