



EAN code
SHT-1/230V: 8595188130424
SHT-1/UNI: 8595188130431
SHT-1/2/230V: 8595188130400
SHT-1/2/UNI: 8595188130417

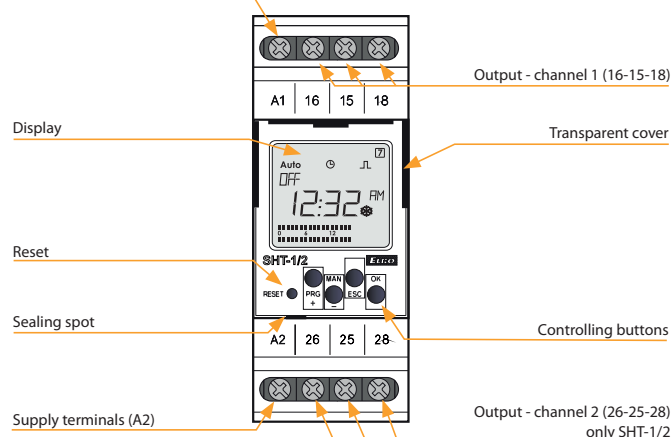
Technical parameters		SHT-1	SHT-1/2
Supply terminals:		A1 - A2	
Voltage range:	UNI 230	AC/DC 12 – 240 V (AC 50-60 Hz)	
Burden (max.):		AC 0.5 – 2 VA/DC 0.4 – 2 W	
Voltage range:		AC 230 V (50-60 Hz)	
Burden:		AC max. 14 VA/2 W	
Max. dissipated power (Un + terminals):		3.5 W	5 W
Supply voltage tolerance:		–15 %; +10 %	
Back-up supply:		yes	
Summer/winter time:		automatic	
Output			
Contact type:		1x changeover/SPDT (AgSnO ₂)	2x changeover/SPDT (AgSnO ₂)
Current rating:		16 A/AC1; 1 HP 240 Vac, 1/2 HP 120 Vac; PD. B300	
Breaking capacity:		4000 VA/AC1, 384 W/DC	
Inrush current:		30 A/< 3 s	
Switching voltage:		250 V AC/24 V DC	
Mechanical life:		30.000.000 ops.	
Electrical life (AC1):		100.000 ops.	
Time circuit			
Power back-up:		up to 3 years	
Accuracy:		max. ±1s/day at 23 °C (73.4 °F)	
Minimum interval:		1 min	
Data stored for:		min. 10 years	
Cyclic output:		1 – 99 s	
Pulse output:		1 – 99 s	
Program circuit			
Number of memory places:		100	
Program:		daily, weekly, monthly, yearly	
Data readout:		LCD display, with back light	
Other information			
Operating temperature:		–20 .. +55 °C (–4 .. 131 °F)	
Storage temperature:		–30 .. +70 °C (–22 .. 158 °F)	
Dielectric strength:		AC 4 kV (supply - output)	
Operating position:		any	
Mounting:		DIN rail EN 60715	
Protection degree:		IP10 clips, IP40 from front panel	
Overvoltage category:		III.	
Polution degree:		2	
Cross-wire section – solid/ stranded with ferrule (mm ²):		max. 2x 2.5 or 1x 4/ max. 1x 2.5 or 2x 1.5 (AWG 12)	
Dimensions:		90 × 35 × 64 mm (3.5" × 1.4" × 2.5")	
Weight:		(UNI) – 117 g (4.13 oz), (230) – 115 g (4.06 oz)	(UNI) – 132 g (4.7 oz), (230) – 128 g (4.5 oz)
Standards:		EN 61812-1	

- It serves to control various types of appliances depending on real time with the possibility of daily, weekly, monthly and yearly programs.
- Switching: according to program (AUTO)/permanently manually (MAN)/random (E).
- Choice of 1-channel or 2-channel design, each channel is adjustable individually.
- Sealable transparent front panel cover, easy control with 4 buttons.
- Cyclic/pulse output option.
- Real time backup - up to 3 years using built-in battery.
- Automatic summer/winter time transition (can be switched off in settings).
- Supply voltage is divided into two types: AC 230 V or AC/DC 12 – 240 V.

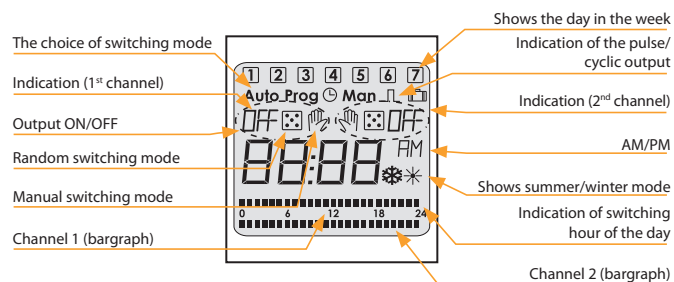
Description

SHT-1/2

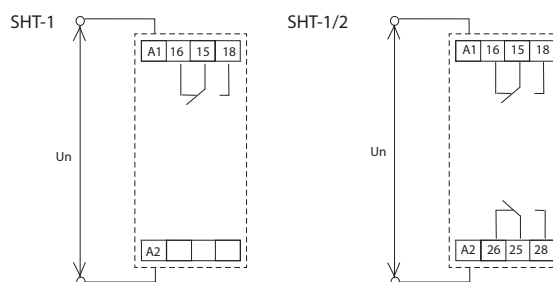
Supply terminals (A1)



Description of displayed elements on the screen



Connection



Symbol

