

Digital time switch clock SHT

2M



- it is used to control various appliance in dependance on real time , in daily, weekly, monthly, yearly or up to 2099
- switching: according the program (AUTO)/constantly manually, manually to next program change/random (CUBE)
- "Holiday program": season selection option, when the device will not switch according the standart program, but will be blocked
- automatic conversion summer / winter time
- sealable cover of front panel, easy controlling via 4 buttons
- 100 memory places, clear LCD display, min. interval 1 s
- supply voltage: AC 230 V or AC/DC 12-240 V
- cyclic output
- pulse output

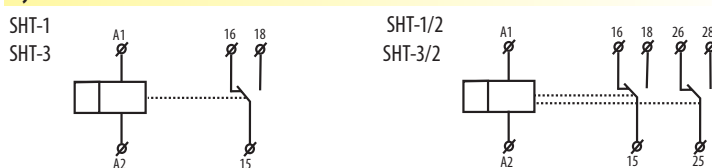
	Output		Time programm			
	1 channel	2 channel	day	week	month	year
SHT-1	●		●	●		
SHT-1/2		●	●	●		
SHT-3	●		●	●	●	●
SHT-3/2		●	●	●	●	●

SHT-1, SHT-3: one channel version, 2-MODULE, DIN rail mounting, clamp terminals

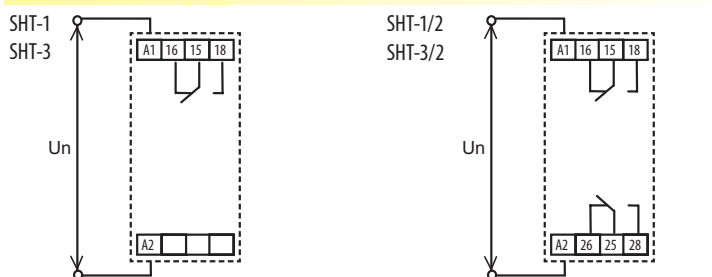
SHT-1/2, SHT-3/2: two channel version, 2-MODULE, an individual program can be run on each channel

Technical parameters	SHT-1, SHT-3	SHT-1/2, SHT-3/2
Supply terminals:		A1 - A2
Supply voltage:	UNI	AC/DC 12 - 240 V (AC 50 - 60 Hz)
Consumption:		AC 0.5 - 2 VA / DC 0.4 - 2 W
Supply voltage:	230	AC 230 V / 50 - 60 Hz
Consumption:		AC max. 14 VA / 2 W
Supply voltage tolerance:		230 : -15 % ; +10 % / UNI: ± 10%
Back-up supply:		yes
Summer/winter time:		automatic
<u>Output</u>		
Number of contacts:	1x changeover (AgSnO ₂)	2x changeover (AgSnO ₂)
Rated current:		16 A / AC1
Breaking capacity:		4000 VA / AC1, 384 W / DC
Inrush current:		30 A / <3 s
Switching voltage:		250 V AC1 / 24 V DC
Min. breaking capacity DC:		500 mW
Mechanical life:		3x10 ⁷
Electrical life (AC1):		0.7x10 ⁵
<u>Time circuit</u>		
Power back-up:		up to 3 years
Accuracy:		max. ±1s/ day at 23 °C
Minimum interval:		1 s
Data stored for:		min. 10 years
Cyclic output:		1-99s
Pulse output:		1-99s
<u>Program circuit</u>		
Number of memory places:		100
Program (SHT-1;SHT-1/2):		daily, weekly
Program (SHT-3;SHT-3/2):		daily, weekly, monthly, yearly (up to year 2099)
Data readout:		LCD display, with back light
<u>Other information</u>		
Operating temperature:		-20.. +55 °C
Storage temperature:		-30.. +70 °C
Electrical strength:		4 kV (supply - output)
Operating position:		any
Mounting:		DIN rail EN 60715
Protection degree:		IP 20
Overvoltage category:		III.
Polution degree:		2
Max. cable size (mm ²):		solid wire max. 2x2.5 or 1x4 with sleeve max. 1x2.5 or 2x1.5
Dimensions:		90 x 35.6 x 64 mm, see page 157-159
Weight:		(UNI) - 130 g, (230) - 110 g (UNI) - 143 g, (230) - 125 g
Standarts:		EN 61812-1, EN 61010-1

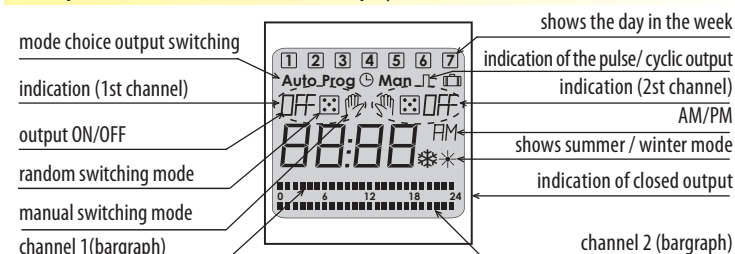
Symbol



Connection



Description of visual elements on the display



Description

