

Digital time switch SHT-1, SHT-1/2, SHT-3 and SHT-3/2

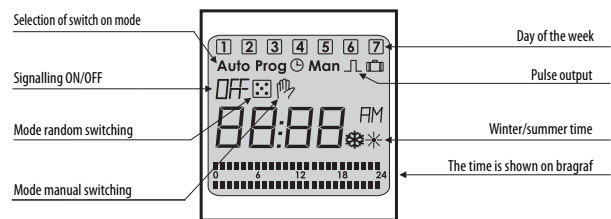
Advantages

- 2-modules, DIN rail mounting
- Daily, weekly program in one device (SHT-1; SHT-1/2)
- Daily, weekly, monthly, yearly program (SHT-3, SHT-3/2)
- Supply voltage AC230 V or AC/DC 12-240 V
- Switching: according to the program (AUTO)/constantly manual/manually until next program change/random (CUBE)
- Automatic conversion summer/winter time
- Sealable cover of the front panel
- 100 memory places, clear LCD display
- Min. interval 1s
- Pulse/cyclic output
- Output contact: 1x 16A changeover → SHT-1, SHT-3.
- Output contact: 2x 16A changeover → SHT-1/2, SHT-3/2.

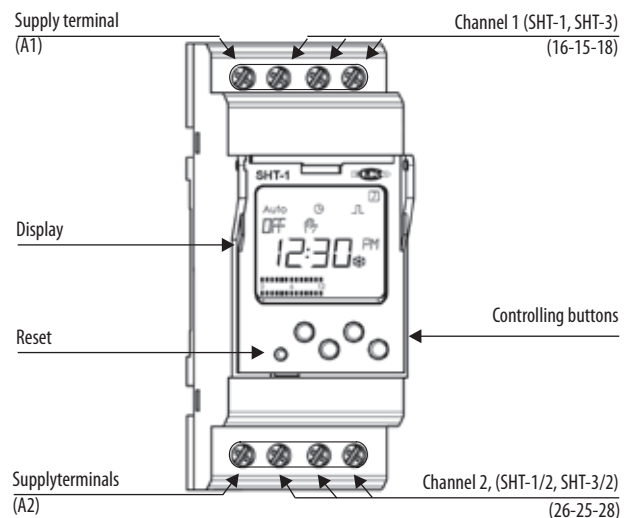
Technical data

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	-15%; +10%	
Back-up supply	yes	
Summer/winter time	automatic	
Output		
Number of contacts	1x CO → SHT-1, SHT-3; 2X CO → SHT-1/2, SHT-3/2	
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	
Time circuit		
Power back-up	3 years	
Accuracy	max. +/-1s/dat / 23°C	
Minimum interval	1 s	
Data stored for	min. 10 years	
Program circuit		
Program SHT-1, SHT-1/2	daily, weekly	
Program SHT-3, SHT-3/2	daily, weekly, monthly, yearly	
Data readout	LCD display	
Other information		
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	
Overtoltage category	III	
Pollution degree	2	
Max. cable size	max. 2x1,5 mm ² , 2x2,5 mm ²	
Dimensions	90x35, 6x64mm	
Standards	EN 61812-1, EN 61010-1	

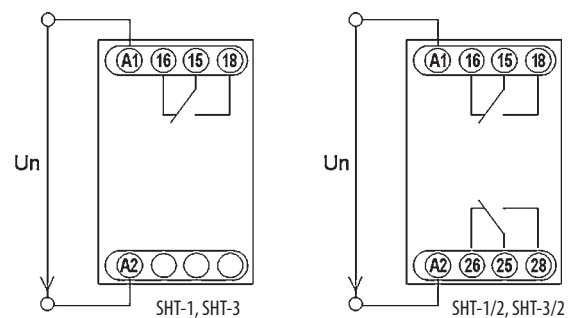
Controlling elements



Description



Connection



Dimensions

