



EAN code  
SHT-6: 8595188148382  
DCFR-1: 8595188148412

Technical parameters		SHT-6
Terminals supply:	A1 - A2	
Voltage supply:	AC 230 V / 50 - 60 Hz	
Tolerance of voltage supply:	-15 %; +10 %	
Output		
Number of contacts:	1 x changeover (AgSnO <sub>2</sub> )	
Rated current:	16 A / AC1	
Switching capacity:	4000 VA / AC1, 384 W / DC	
Peak current:	30 A / < 3 s	
Max. switching voltage:	250 V AC1 / 24 V DC	
Mechanical life:	> 3x10 <sup>7</sup>	
Electrical life (AC1):	> 0.7x10 <sup>5</sup>	
Time circuit		
Backup real. time:	up to 3 years	
Running accuracy		
- without DCF receiver:	max. ±1 s per day with 23°C (73 °F)	
Minimum switching interval:	1 min	
Data retention programs:	min. 10 years	
Program circuit		
Number of memory locations:	100	
program:	daily, yearly (till year 2099 )	
Displayed data:	LCD display with backlight	
Other information		
Working temperature:	-10.. +55 °C (14 to 131 °F)	
Storage temperature:	-30.. +70 °C (-22 °F to 158 °F)	
Dielectric strength:	4 kV (output supply)	
Operating position:	any	
Mounting:	DIN rail EN 60715	
Protection:	IP10 terminals, IP40 from the front panel	
Over voltage category:	III.	
Degree of pollution:	2	
Max. cable size (mm <sup>2</sup> ):	max. 2x 2.5, max. 1x 4 with sleeve max. 1x 2.5, max. 2x 1.5 (AWG 12)	
Dimensions:	90 x 35.6 x 64 mm (3.5" x 1.4" x 2.5")	
Weight:	121 g (4.27 oz.) (without battery)	
Standards:	EN 61812-1, EN 61010-1	

Plug-in module



With battery

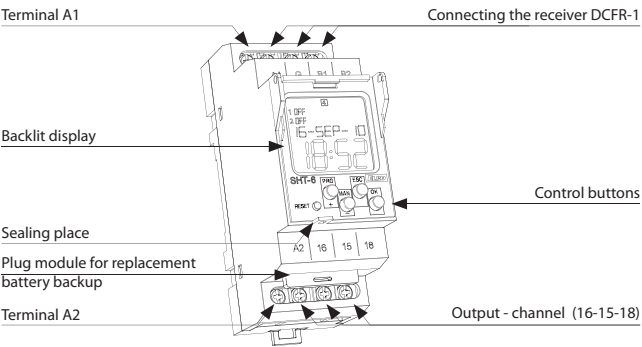


Without battery

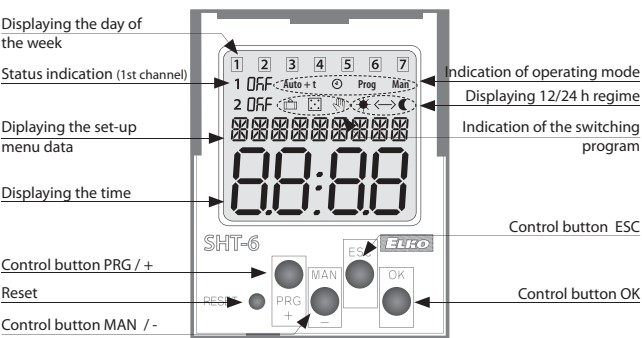
Type of backup battery: CR 2032 (3V)

- Used for controlling appliances depending on real time, that is synchronized by a DCF 77 signal, thanks to the automatic time settings (with DCF 77 signal) it eliminates inaccuracies and errors by time running.
- 1 channel design with external DCF receiver.
- automatic switching between winter/summer time.
- sealable cover of the front panel.
- 100 memory places.
- backlit LCD display.
- switching according to the program: auto / manual / random / holiday program.
- Function of the operating hours counter.
- backing up data and time using the battery.
- reserve battery for up to 3 years.
- Easy replacement for the backup battery with plugging module without dismantling the device.
- Power supply: AC 230 V.
- 2-MODULE, mounting on DIN rail.

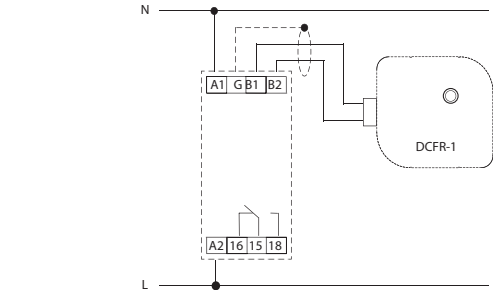
Description



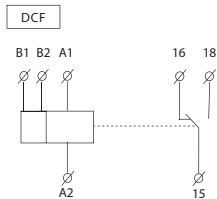
Description of the displayed elements on the screen



Connection



Symbol

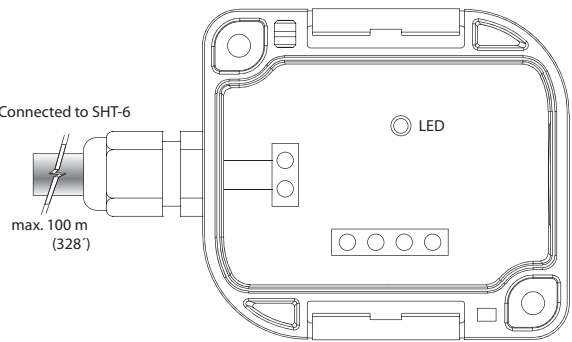


EAN code  
DCFR-1: 8595188148412

Technical parameters		DCFR-1
Connection:	2 conductors	
Max. cross-connection conductors:	2.5 mm <sup>2</sup>	
Max voltage on the wires:	10 V	
Indication Function:	red LED	
Other information		
Storage temperature:	-30.. +70 °C (-22 to 158 °F)	
Protection:	IP65	
Dimension:	98 x 62 x 34 mm (39.3 x 2.4 x 1.3")	
Weight:	110 g (3.88 oz)	
Operating position:	perpendicular to the direction of reception	
The reception area:	about 1500 km from Frankfurt / Main	

- Universal DCF module, which is designed for controlling the SHT-6 timer, and other devices.
- outdoor applications (IP65 protection).
- Two-wire connection - not polarity sensitive!
- Length of connecting cable is up to 100 m (328').
- visual indication of proper function module.

Description



Working position - options

