



EAN code
SHT-6 + DCFR-1: 8595188148382

Technical parameters	SHT-6
Terminals supply:	A1 - A2
Voltage supply:	AC 230 V / 50 - 60 Hz
Burden (max.):	8 VA / 0.7 W
Max. dissipated power (Un + terminals):	3.5 W
Tolerance of voltage supply:	-15 %; +10 %

Output	
Number of contacts:	1 x changeover (AgSnO ₂)
Rated current:	16 A / AC1
Switching capacity:	4000 VA / AC1, 384 W / DC
Peak current:	30 A / < 3 s
Max. switching voltage:	250V AC / 24V DC
Mechanical life:	> 3x10 ⁷
Electrical life (AC1):	> 0.7x10 ⁵

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 ²):	max. 2x 2.5, max. 1x 4 with sleeve max. 1x 2.5, max. 2x 1.5 (AWG 12)
Dimensions:	90 x 35 x 64 mm (3.5" x 1.4" x 2.5")
Weight:	114 g (4 oz.) - without battery
Standards:	EN 61812-1, EN 61010-1

Plug-in module

EAN code
209930603123



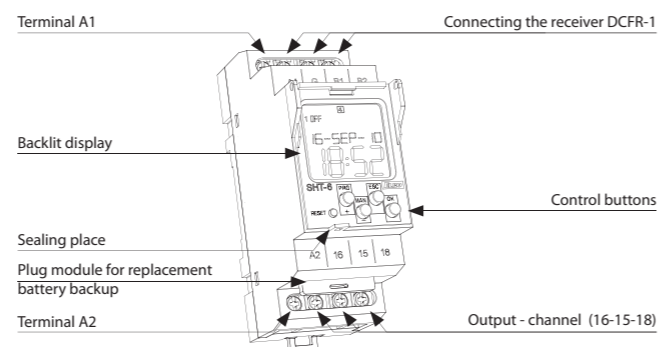
With battery

Without battery

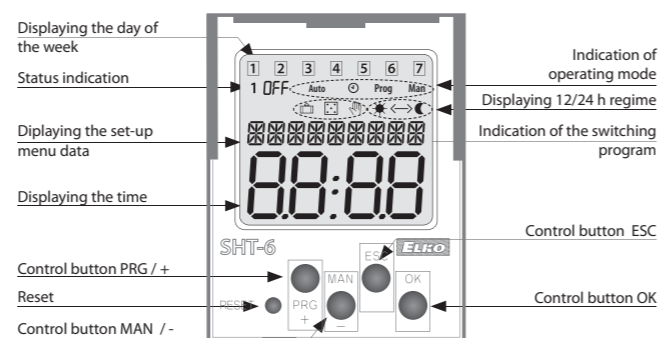
Type of backup battery: CR 2032 (3V)

- 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.

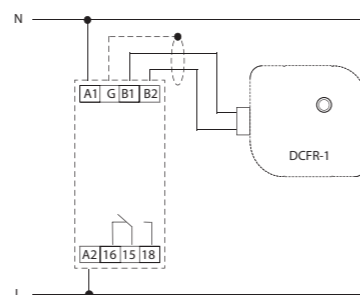
Description



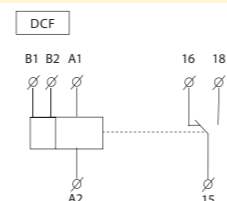
Description of the displayed elements on the screen



Connection



Symbol

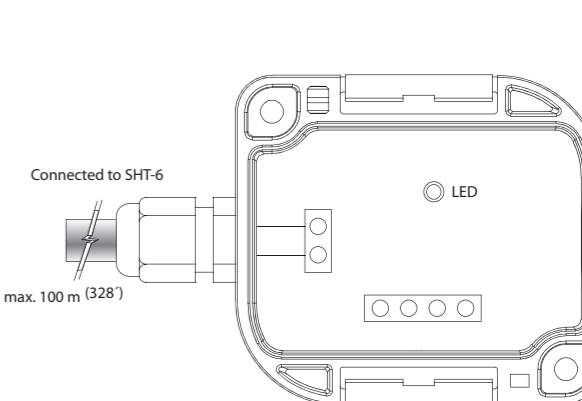


EAN code
DCFR-1: 8595188148412

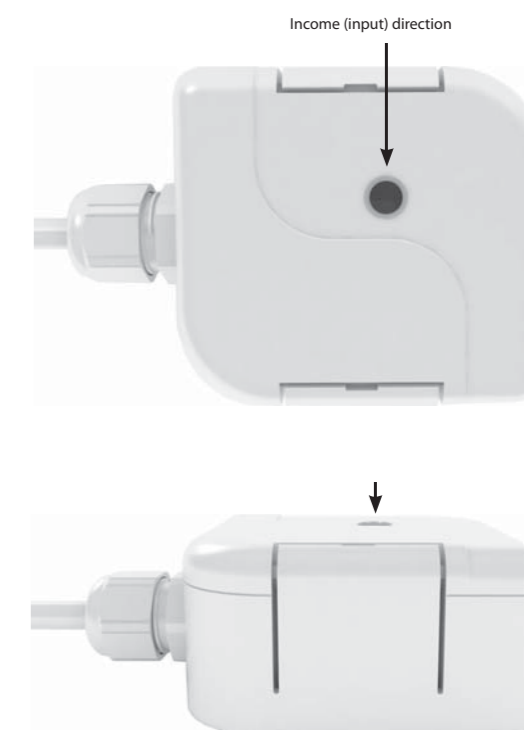
Technical parameters	DCFR-1
Connection:	2 conductors
Max. cross-connection conductors:	2.5 mm ²
Max voltage on the wires:	10 V
Indication Function:	red LED

Other information	
Storage temperature:	-30.. +70 °C (-22 to 158 °F)
Protection:	IP65
Dimensions:	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

Description



Working position - options



- 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.