



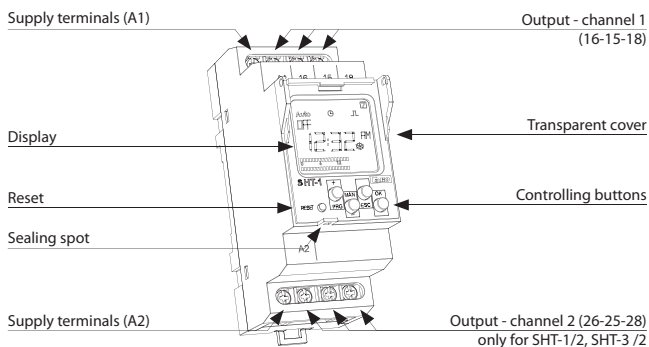
EAN code  
 SHT-1 /230 V: 8595188130424  
 SHT-1 /UNI: 8595188130431  
 SHT-1/2 /230 V: 8595188130400  
 SHT-1/2 /UNI: 8595188130417  
 SHT-3 /230 V: 8595188136754  
 SHT-3 /UNI: 8595188136754  
 SHT-3/2 /230 V: 8595188129015  
 SHT-3/2 /UNI: 8595188129046

| Technical parameters                    | SHT-1, SHT-3   | SHT-1/2, SHT-3/2                                   |
|---|--|--|
| Supply terminals:                       | A1 - A2  |  |
| Voltage range:                          | UNI  | AC/DC 12 - 240 V (AC 50 - 60 Hz)                   |
| Burden (max.):                          |  | AC 0.5 - 2 VA / DC 0.4 - 2 W                       |
| Voltage range:                          | 230  | 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  |  |
| <b>Output</b>                           |  |  |
| Number of contacts:                     | 1x changeover/SPDT (AgSnO <sub>2</sub> )                                     | 2x changeover/SPDT (AgSnO <sub>2</sub> )           |
| Current rating:                         | 16 A / AC1   |  |
| Breaking capacity:                      | 4000 VA / AC1, 384 W / DC  |  |
| Inrush current:                         | 30 A / < 3 s   |  |
| Switching voltage:                      | 250 V AC / 24 V DC   |  |
| Mechanical life:                        | > 3x10 <sup>7</sup>  |  |
| Electrical life (AC1):                  | > 0.7x10 <sup>5</sup>  |  |
| <b>Time circuit</b>                     |  |  |
| 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   |  |
| <b>Program circuit</b>                  |  |  |
| 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 2095)                             |  |
| Data readout:                           | LCD display, with back light   |  |
| <b>Other information</b>                |  |  |
| Operating temperature:                  | -20 °C to +55 °C (-4 °F to 131 °F)   |  |
| Storage temperature:                    | -30 °C to +70 °C (-22 °F to 158 °F)  |  |
| Electrical strength:                    | 4 kV (supply - output)   |  |
| Operating position:                     | any  |  |
| Mounting:                               | DIN rail EN 60715  |  |
| Protection degree:                      | IP10 clips, IP40 from front panel  |  |
| Overvoltage category:                   | III.   |  |
| Pollution degree:                       | 2  |  |
| Max. cable size (mm <sup>2</sup> ):     | solid wire max. 2x 2.5 or 1x 4<br>with sleeve max. 1x 2.5 or 2x 1.5 (AWG 12) |  |
| Dimensions:                             | 90 x 35 x 64 mm (3.5" x 1.4" x 2.5")   |  |
| Weight:                                 | (UNI) - 117 g (4.13 oz.)<br>(230) - 115 g (4.06 oz.)                         | (UNI) - 132 g (4.7 oz.)<br>(230) - 128 g (4.5 oz.) |
| Standards:                              | EN 61812-1, EN 61010-1   |  |

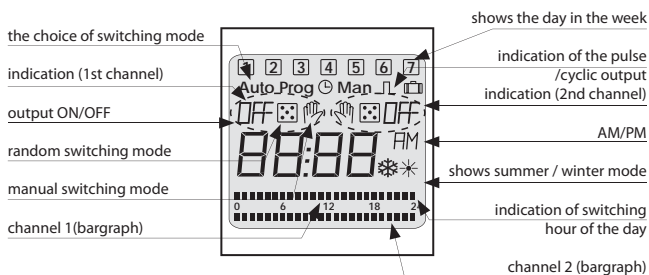
- This time switch clock SHT is used to control various appliances in real time; daily, weekly, monthly and yearly mode.
- Switching: according the program (AUTO)/constantly manually, manually to next program change/random (CUBE).
- „Holiday program“ option to choose an interval when the device doesn't switch according to the standard program, but will be block during that time.
- 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.
- Voltage range: AC 230 V or AC/DC 12-240 V.
- Cyclic output.
- Pulse output.
- 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.

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

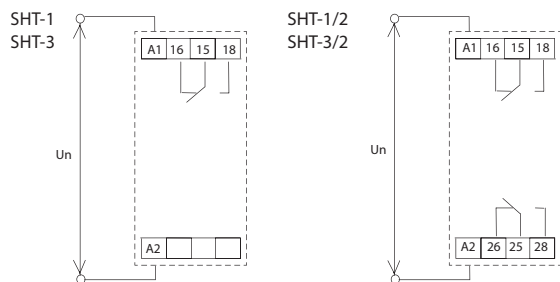
**Description**



**Description of displayed elements on the screen**



**Connection**



**Symbol**

