

week



## SC 08.11 *pro*

[paladin 172 110 *pro*]

- 1 channel
- Daily and weekly program
- 46 memory locations
- Minimum interval 1 min
- Switching capacity 16 A
- Permanent by date / holiday function
- Manual permanent mode
- Manual override
- Automatic sorting of switching times on readout
- Unrestricted block programming
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Pulse function
- Security by PIN-Code

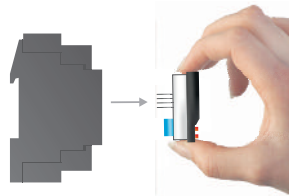
### Further information / Accessory

**Accessory: Programming package PP 50 *pro***  
(not included in delivery of the time switch)

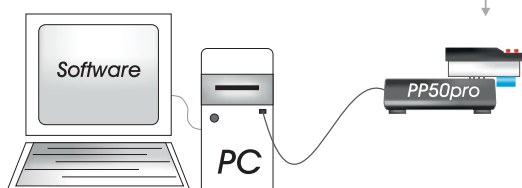


### Further information / Accessory

**Removable programming module**



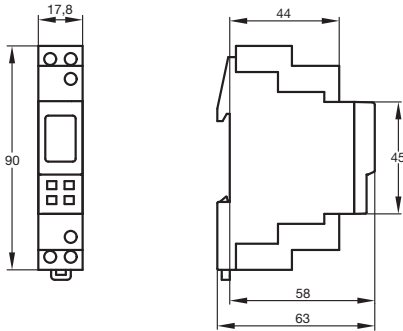
**Programmable with  
Programming package PP 50 *pro***



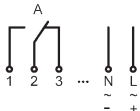
### Highlights

- Removeable programming module
- Text based menu and self-explanatory symbols
- Display with two text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected (6 years battery-reserve)
- Unlimited program security by E<sup>2</sup>-PROM
- Programmable with Programming package PP 50 *pro* (not included in delivery)

## Digital time switch SC 08.11 *pro* [paladin 172 110 *pro*] for DIN-rail mounting



SC 08.11 *pro* / paladin 172 110 *pro*



### Technical data

|  |   |
|--|---|
| <b>Supply voltage</b>                                  | 230 V, 50–60 Hz<br>other voltages on request                |
| <b>Power consumption</b> (real power)                  | 0.7 W   |
| <b>Channel</b> (potential-free)                        | Change-over, contact gap < 3 mm (μ)                         |
| <b>Contact material</b>                                | AgNi  |
| <b>Switching capacity</b>                              | 16 A / 250 V~ at cosφ=1<br>6 A with inductive load cosφ=0.6 |
| <b>Min. switching power</b>                            | 300 mW (5 V / 5 mA)   |
| <b>Max. starting current</b>                           | 30 A  |
| <b>Filament Lamp</b>                                   | 1,000 W   |
| <b>Halogen Lamp</b>                                    | 1,000 W   |
| <b>Fluorescent Lamp uncompensated</b>                  | 500 VA  |
| <b>Fluorescent Lamp series compensated</b>             | 500 VA  |
| <b>Fluorescent Lamp parallel compensated</b>           | 300 VA  |
| <b>Fluorescent Lamp double switch</b>                  | 500 VA  |
| <b>Mercury Discharge Lamp uncompensated</b>            | 2 x 125 W, 1 x 250 W  |
| <b>Mercury Discharge Lamp parallel compensated</b>     | 3 x 50 W (7 μF), 2 x 125 W (10 μF), 1 x 250 W (18 μF)       |
| <b>Sodium Discharge Lamp uncompensated</b>             | 1 x 150 W   |
| <b>Compact Fluorescent Lamp convent. lamp ballast</b>  | 500 VA  |
| <b>Compact Fluorescent Lamp electron. lamp ballast</b> | 2 x electronic lamp ballast, power independent              |
| <b>Switching functions</b>                             | ON, OFF, pulse  |
| <b>Pulse length Pulse function</b> (switching time)    | 00:01 up to 59:59 mm:ss                                     |
| <b>Memory locations</b>                                | 46  |
| <b>Minimum interval</b>                                | 1 min   |
| <b>Time base</b>                                       | Quartz  |
| <b>Power back-up</b> (at 20°C)                         | approx. 6 years   |
| <b>Program security</b>                                | Unlimited by E <sup>2</sup> -PROM                           |
| <b>Quartz crystal accuracy</b> (at 20°C)               | ≤ ±1 sec/day  |
| <b>Display</b>   | high resolution LCD   |
| <b>Permitted ambient temperature</b>                   | -30°...+50°C  |
| <b>Enclosure</b>                                       | self-extinguishing thermoplastic                            |
| <b>Dimensions</b>                                      | 45 x 17.5 x 58 mm   |
| <b>Distribution board mounting</b>                     | 35 mm DIN-rail (DIN EN 50022)                               |
| <b>Type of connection</b>                              | Screw terminals (pull-up type)                              |
| <b>Type of protection</b>                              | IP 20 to DIN EN 60529                                       |
| <b>Class of protection</b>                             | II when installed according to regulations                  |
| <b>Accessories</b> (not included in delivery)          | Programming Package PP 50 <i>pro</i>                        |
| <b>Certification mark</b>                              | VDE   |

### Overview time switch functions

|                   | Switching time | Channel-key |
|-------------------|----------------|-------------|
| ON/OFF            | ✓              | ✓           |
| Permanent         | ✓              | ✓           |
| Pulse             | ✓              |             |
| Timer             |                |             |
| Cycle             |                |             |
| Astro             |                |             |
| Permanent by date | ✓              |             |
| Yearly program    |                |             |

| Order number                                     | Channel | Time base | Special functions            |
|--|---------|-----------|------------------------------|
| SC 08.11 <i>pro</i> / paladin 172 110 <i>pro</i> | 1       | Quartz    | Removable programming module |

↙ Housing colour