

year



Save time

## SC 98.x0 pro [paladin 179 6x0 pro]

- 1, 2, 3, or 4 channels
- Daily, weekly and yearly program
- 300 memory locations
- 10 years battery-reserve
- Minimum interval 1 min.
- Switching capacity 16 A per channel
- Up to 300 permanent switchings by date
- 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
- Cycle function
- Timer function
- External input function
- Channel button function
- DCF function
- Security by PIN-Code
- Illuminated display
- Data-key function

### Further information / Accessory

**Accessory: Data-key DK pro and Programming package PP 50 pro**  
(not included in delivery of the time switch)



**Accessory: Radio receiver DCF-Time FU 20.00 pro**  
(not included in delivery of the time switch)



**Accessory: Radio receiver GPS-Time FU 3x.00 pro**  
(not included in delivery of the time switch)



**Accessory: Mini terminal box 4PLE – 70 mm, for wall mounting**  
(not included in delivery of the time switch)

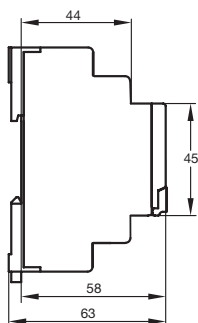
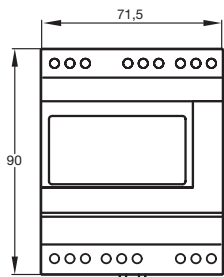
### Highlights

- Yearly program with Easter function, Weekday function and Extra-switching-time function
- Up to 300 permanent switchings by date or with Easter function
- Text based menu and self-explanatory symbols
- Display with a large dot matrix area to provide two high resolution text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected
- Unlimited program security by E<sup>2</sup>-PROM
- Programmable with PC (Accessory Data-key DK pro and Programming package PP 50 pro)

basic extended premium

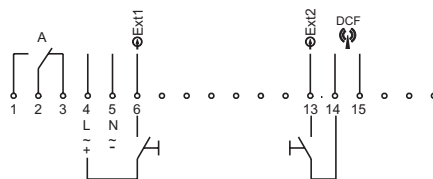
# Digital time switch SC 98.x0 pro [paladin 1796x0 pro] for DIN-rail mounting

## Technical data

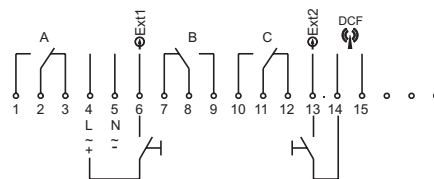


|   |  |
|---|--|
| <b>Supply voltages</b>                              | 230 V, 50–60 Hz<br>other voltages on request   |
| <b>Power consumption (real power)</b>               | 1.2–3.2 W (depending on the switching status)  |
| <b>Channels (potential-free)</b>                    | Change-over, contact gap < 3 mm (μ)  |
| <b>Contact material</b>                             | AgSnO <sub>2</sub>   |
| <b>Switching capacity per channel</b>               | 16 A / 250 V~ at cosφ=1<br>10 A with inductive load cosφ=0.6   |
| <b>Min. switching power</b>                         | 1,000 mW (10 V / 10 mA)  |
| <b>Max. starting current</b>                        | 50 A   |
| <b>Switching functions</b>                          | ON; OFF; pulse; cycle; yearly program  |
| <b>Pulse length Pulse function (switching time)</b> | 00:01 up to 59:59 mm:ss  |
| <b>Pulse length Timer (man. switching)</b>          | 0:00:01 up to 9:59:59 h:mm:ss  |
| <b>Pulse/Pause length Cycle</b>                     | 0:00:01 up to 9:59:59 h:mm:ss  |
| <b>Memory locations</b>                             | 300  |
| <b>Minimum interval</b>                             | 1 min.   |
| <b>Time base</b>                                    | Quartz or DCF / GPS (FU 20.00 pro / FU 3x.00 pro)  |
| <b>Power back-up (at 20°C)</b>                      | approx. 10 years (depends on the Lithium-battery life)   |
| <b>Program security</b>                             | unlimited (E <sup>2</sup> -PROM)   |
| <b>Quartz accuracy (at 20°C)</b>                    | ≤ ±0.5 sec./day  |
| <b>Display</b>                                      | high resolution LCD (visible area 12.8 cm <sup>2</sup> )   |
| <b>Permitted ambient temperature</b>                | –30°...+55°C   |
| <b>Enclosure</b>                                    | self-extinguishing thermoplastic   |
| <b>Dimensions</b>                                   | 45 x 71.5 x 58 mm  |
| <b>Distribution board mounting</b>                  | 35 mm section rails (DIN EN 60715)   |
| <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 (not included in delivery)</b>       | Data-key DK pro, Radio receiver FU 20.00 pro / FU 3x.00 pro, Programming package PP 50 pro, Mini terminal box 4PLE |
| <b>Certification mark</b>                           | VDE  |

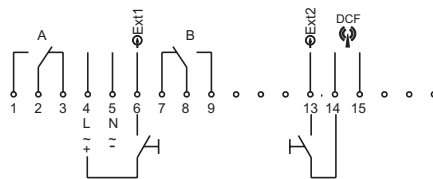
SC 98.10 pro / paladin 179 610 pro (1 channel)



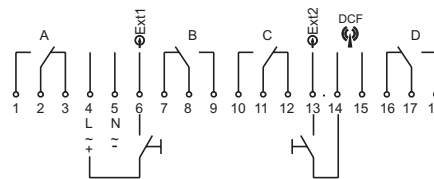
SC 98.30 pro / paladin 179 630 pro (3 channels)



SC 98.20 pro / paladin 179 620 pro (2 channels)



SC 98.40 pro / paladin 179 640 pro (4 channels)



| Order number                       | Channels | Time base  | Special function               |
|------------------------------------|----------|------------|--------------------------------|
| SC 98.10 pro / paladin 179 610 pro | 1        | Quartz/DCF | External input, yearly program |
| SC 98.20 pro / paladin 179 620 pro | 2        | Quartz/DCF | External input, yearly program |
| SC 98.30 pro / paladin 179 630 pro | 3        | Quartz/DCF | External input, yearly program |
| SC 98.40 pro / paladin 179 640 pro | 4        | Quartz/DCF | External input, yearly program |

▼ Housing colour