

DIGITAL YEARLY TIMER

müller SC 98.x0 pro4



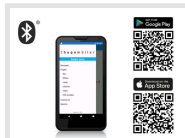
Overview

- 1, 2, 3 or 4 channels
- Daily, weekly, yearly or astro program
- 300 memory locations
- Zero-cross switching
- Up to 600 W LED lamp load
- Integrated Bluetooth
- Programmable via App (iOS, Android and Windows)
- 10 years battery-reserve
- Exchangeable battery (CR 2032)
- Switching capacity 16 A per channel
- Cycle and random function
- Timer function
- External input function (switch or push-button)
- DCF / GPS function
- Extra switching times ON, OFF and pulse by date and time
- Permanent by date and time / holiday function
- Up to 10 special programs possible
- Manual permanent mode
- Manual override
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Easy handling
- Illuminated display
- Security by PIN-Code

Accessories



Save 'n carry WIN10 App



Save 'n carry App



müller FU 20.00 pro



müller FU 3x.00 pro

Highlights

- Programmable with PC or Smartphone via Bluetooth (free iOS, Android and Windows app)
- No additional Data stick needed! Bluetooth integrated in time switch
- Zero-crossing (up to 600 W LED lamp load)
- Exchangeable battery (CR 2032) with 10 years battery reserve
- Random function for presence simulation
- Optimized own consumption: only 0.3 W in „standby“ mode
- Quick and intuitive programming
- Can be programmed with supply disconnected
- Unlimited program security by E2-PROM

Intended use

- The device can be used in following applications: Illumination of private and industrial areas, street and shop-window lightening, regulation of air conditioning, flushing, motors, pumps, plants and machinery as well as to simulate presence etc.
- Operate the device in a dry room only!
- The installation must be in accordance with the instruction manual.
- The device is not qualified for security relevant tasks such as emergency doors, fire protection equipment

Supply voltage versions

- 110-230 V, 50-60 Hz
- 12-24V ACDC see SC 98.20 pro4 / SC 98.40 pro4

Order numbers

| | |
|---------------|-------------------|
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| SC 98.10 pro4 | 1 channel version |
| SC 98.20 pro4 | 2 channel version |
| SC 98.30 pro4 | 3 channel version |
| SC 98.40 pro4 | 4 channel version |

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Order information

| | Voltage | EAN | Art. No. |
|----------------------|--------------------|---------------|----------|
| SC 98.10 pro4 | 110-230 V 50-60 Hz | 4022709241078 | 24107 |
| SC 98.20 pro4 | 110-230 V 50-60 Hz | 4022709241085 | 24108 |
| SC 98.20 pro4 | 12-24 V ACDC | 4022709241115 | 24111 |
| SC 98.30 pro4 | 110-230 V 50-60 Hz | 4022709241092 | 24109 |
| SC 98.40 pro4 | 110-230 V 50-60 Hz | 4022709241108 | 24110 |
| SC 98.40 pro4 | 12-24 V ACDC | 4022709241122 | 24112 |

Other supply voltage versions on request

Technical data

| | |
|--|---|
| Supply voltage | 110-230 V, 50-60 Hz |
| Voltage tolerance | ±15% |
| Power consumption (real power) | W (depending on the switching status) |
| Channels (potential-free) | Change-over, contact gap < 3 mm (μ) |
| Contact material | AgSnO ₂ |
| Switching capacity per channel | |
| resistive load: | 16 A / 250 V~ at cosφ=1 |
| inductive load: | 10 A at cosφ=0,6 |
| Min. switching power | 1.000 mW (10 V / 10 mA) |
| Max. starting current | 50 A |
| Filament Lamp | 3.000 W |
| Halogen Lamp | |
| Fluorescent Lamp uncompensated | 2.600 W |
| Fluorescent Lamp series compensated | 2.600 W |
| Fluorescent Lamp parallel compensated | 1.300 W |
| LED (230 V~) / CFL | 600 W |
| Switching functions | ON OFF pulse cycle extra permanent astro |
| Pulse length Pulse function (switching time) | 00:01 up to 59:59 mm:ss |
| Pulse length Timer (man. switching) | 0:00:01 up to 9:59:59 h:mm:ss |
| Pulse/Pause length cycle | 0:00:01 up to 9:59:59 h:mm:ss |
| Memory locations | 300 |
| Minimum interval | 1 Min. |
| Time base | Quartz DCF (FU 20.00 pro) GPS (FU 30.00 pro) |
| Quartz accuracy (at 20 °C) | ≤ ±0,5 Sec./day (Quartz accuracy optimized for typical ambient conditions) |
| Power back-up (at 20 °C) | approx. 10 years (exchangeable battery CR 2032) |
| Program security | unlimited (E ² -PROM) |
| Display | high resolution LCD (visible area 12,8 cm ²) |
| Permitted ambient temperature | -30...+55 °C |
| Housing | self-extinguishing thermoplastic |
| Dimensions | 45 x 71,5 x 58 mm |
| Mounting | 35 mm DIN-rail |
| Type of connection | Screw terminals (Pull-up type) |
| Type of protection | IP 20 to DIN EN 60529 |
| Class of protection | II when installed according to regulations |
| Mode of operation (DIN EN 60730-1) | 1 BSTU |
| Degree of contamination (DIN EN 60730-1) | 2 |
| Rated surge voltage (DIN EN 60730-1) | 4 kV |
| Minimum requirement | Android version 4.4 iOS version 11.0 Bluetooth version 4.1 |
| Accessories (not included in delivery) | Radio receiver DCF FU 20.00 pro Radio receiver GPS FU 30.00 pro |

