

DIGITAL WEEKLY TIMER

müller SC 28.x1 pro4 - paladin 172 4x1 pro4



Accessories



Save'n carry App



Save'n carry
WIN10 App

Overview

- 1 or 2 channels
- Daily and weekly program
- Yearly program by extra switching times
- 100 memory locations
- Zero-cross switching
- Up to 600 W LED lamp load
- Integrated Bluetooth
- Programmable via App (iOS and Android)
- 10 years battery-reserve
- Exchangeable battery (CR 2032)
- Minimum interval 1 min.
- Switching capacity 16 A per channel
- Cycle and random function
- Extra switching times ON, OFF and pulse by date and time
- Permanent by date and time / holiday function
- Manual permanent mode
- Manual override
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Easy handling
- Illuminated display
- Security by PIN-Code

Highlights

- Programmable with smartphone via Bluetooth (free iOS and Android app)
- No additional Data stick needed! Bluetooth integrated in time switch
- Zero-crossing (up to 600 W LED lamp load)
- Complete switching program of the present day at a glance
- Exchangeable battery (CR 2032) with 10 years battery reserve
- Random function for presence simulation
- Optimized own consumption: only 0,3 W in „standby“ mode
- Large, clear and illuminated display with one text line
- Easy handling
- Quick and intuitive programming
- Can be programmed with supply disconnected
- Unlimited program security by E2-PROM

Supply voltage versions

- see technical data

App to program the time switch:

Save'n carry App (Apple App Store)
(<https://itunes.apple.com/us/app/saven-carry/id1347128572?mt=8>)

Save'n carry App (Google Play Store)
(https://play.google.com/store/apps/details?id=de.hugomueller.Save_n_Carry)

Order numbers

| ■ müller | ■ paladin | |
|---------------|--------------|--------------------------------|
| SC 28.11 pro4 | 172 411 pro4 | 1 channel version Bluetooth |
| SC 28.21 pro4 | 172 421 pro4 | 2 channel version Bluetooth |

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Order information

| | Voltage | EAN | Art. No. |
|----------------------|----------------|---------------|----------|
| SC 28.11 pro4 | 230 V 50-60 Hz | 4022709222725 | 22272 |
| | 24 V ACDC | 4022709223791 | 22379 |
| | 12 V ACDC | 4022709223845 | 22384 |
| SC 28.21 pro4 | 230 V 50-60 Hz | 4022709222732 | 22273 |
| | 24 V ACDC | 4022709223807 | 22380 |
| | 12 V ACDC | 4022709223852 | 22385 |
| 172 411 pro4 | 230 V 50-60 Hz | 4022709222787 | 22278 |
| 172 421 pro4 | 230 V 50-60 Hz | 4022709222794 | 22279 |

Other supply voltage versions on request

Low voltage versions: no backlit LCD, no zero crossing switching

Technical data

| | |
|---|--|
| Supply voltage | 230 V, 50-60 Hz |
| Power consumption (real power) | 0,3–1,0 W (depending on the switching status) |
| Channel (potential-free) | change-over |
| Contact material | AgSnO ₂ |
| Switching capacity per channel | |
| resistive load: | 16 A / 250 V~ at cosφ=1 |
| inductive load: | 10 A / 250 V~ at cosφ=0,6 |
| Min. switching power | 1.000 mW (10 V / 10 mA) |
| Max. starting current | 50 A |
| Filament Lamp, Halogen Lamp | 3.000 W |
| Fluorescent Lamp uncompensated | 2.600 W |
| Fluorescent Lamp series compensated | 2.600 W |
| Fluorescent Lamp parallel compensated | 1.300 W |
| CFL | 600 W |
| LED (230 V~) | 600 W |
| (LED lamps > 2 W) | |
| Switching functions | ON OFF pulse cycle extra permanent |
| Pulse length Pulse function (switching time) | 00:01 up to 59:59 mm:ss |
| Memory locations | 100 |
| Minimum interval | 1 Min. |
| Time base | Quarz |
| Quartz accuracy (at 20 °C) | ±0,5 Sek./day (Quartz accuracy optimized for typical ambient conditions) |
| Power back-up (at 20 °C) | approx. 10 years (exchangeable battery CR 2032) |
| Program security | unlimited |
| Display | illuminated LCD-display |
| Permitted ambient temperature | -30...+55 °C |
| Housing | self-extinguishing thermoplastic |
| Dimensions | 45 x 35 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) (DIN EN 60730-2-7) | 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 11.0 Bluetooth 4.1 |
| Accessories (free download) | Programmable with smartphone via Bluetooth: App - Save'n Carry |

