

# DIGITAL WEEKLY TIMER

müller SC 88.x0 pro4



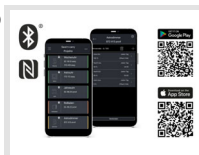
## Overview

- 1, 2, 3 or 4 channels
- Daily, weekly or astro program
- Yearly program by extra switching times
- 300 memory locations
- 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
- Manual permanent mode
- Manual override
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Easy handling
- Illuminated display
- Security by PIN-Code

## Accessories



müller FU 20.00 pro



Save'n carry 2.0



müller FU 30.00 pro



Save'n carry WIN10 App

## Highlights

- Programmable with PC or Smartphone via Bluetooth (free iOS, Android and Windows app)
- No additional Data stick needed! Bluetooth integrated in time switch
- 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

## Supply voltage versions

- see technical data

## Order numbers

|               |                   |
|---------------|-------------------|
| ■ müller      |                   |
| SC 88.10 pro4 | 1 channel version |
| SC 88.20 pro4 | 2 channel version |
| SC 88.30 pro4 | 3 channel version |
| SC 88.40 pro4 | 4 channel version |

# DIGITAL WEEKLY TIMER

## müller SC 88.x0 pro4

### Technical data

|  |   |
|--|---|
| Supply voltage                               | 110-230 V, 50–60 Hz   |
| Voltage tolerance                            | ±15%  |
| Power consumption (real power)               | 0,3 - 2,2 W<br>(depending on the switching status)                            |
| Channels (potential-free)                    | Change-over, contact gap < 3 mm (μ)   |
| Contact material                             | AgSnO <sub>2</sub>  |
| 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 max. 20 ms   |
| Filament Lamp                                | 2.000 W   |
| Halogen Lamp                                 |   |
| Fluorescent Lamp uncompensated               | 1.000 W   |
| Fluorescent Lamp series compensated          | 1.000 W   |
| Fluorescent Lamp parallel compensated        | 550 W   |
| CFL  | 200 W   |
| LED (230 V~)<br>(LED lamps > 5 W)            | 200 W   |
| Switching functions                          | ON<br>OFF<br>pulse<br>cycle<br>extra<br>permanent<br>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<br>DCF (FU 20.00 pro)<br>GPS (FU 30.00 pro)                            |
| Quartz accuracy (at 20 °C)                   | ≤ ±0,5 Sec./day<br>(Quartz accuracy optimized for typical ambient conditions) |
| Power back-up (at 20 °C)                     | approx. 10 years (exchangeable battery CR 2032)                               |
| Program security                             | unlimited (E <sup>2</sup> -PROM)  |
| Display                                      | high resolution LCD (visible area 12,8 cm <sup>2</sup> )                      |
| 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 5<br>iOS version 11.0<br>Bluetooth version 4.1                |
| Accessories (not included in delivery)       | Radio receiver DCF FU 20.00 pro<br>Radio receiver GPS FU 30.00 pro            |

