

# DIGITAL YEARLY TIMER

müller SC 38.x0 pro5



Save'n carry 2.0

## Overview

- 1 or 2 channels
- Daily, weekly, astro and yearly program
- 300 memory locations
- WLAN and Bluetooth integrated
- Programmable and controllable via app (iOS and Android)
- 10 years battery-reserve
- Exchangeable battery (CR 1620)
- Zero-cross switching
- Up to 600 W LED lamp load
- Switching capacity 16 A per channel
- Cycle and random function
- External input (switch or push button)
- Timer function
- Additional switching times ON, OFF, pulse, and cycle by date and time
- Permanent switching by date and time / holiday program
- Up to 10 special programs possible
- Manual permanent switching
- Manual override switching
- Automatic daylight-saving time adjustment
- Operating hours and switching pulse counter
- Easy handling
- Illuminated display
- Security by PIN-Code

## Highlights

- Programmable and controllable with smartphone via WiFi and Bluetooth (free iOS and Android app) as well as directly on the time switch via the integrated display
- Mobile access via cloud
- Supports multi-user access for collaborative programming and operation via cloud
- The external input can be freely assigned to the switching channels
- Daily, weekly, astro and yearly program
- Astro program with 3 functions: standard, inverted, and pulse
- Yearly program with 3 functions: standard, Easter, and year
- Quartz accuracy (at -30 to +55 °C) is  $\leq \pm 0.5$  s/day
- Fast and intuitive programming
- Data security through non-volatile memory

## Supply voltage versions

- 110-230 V, 50-60 Hz
- 12-24 V ACDC

## Order numbers

|               |                   |
|---------------|-------------------|
| ■ müller      |                   |
| SC 38.10 pro5 | 1 channel version |
| SC 38.20 pro5 | 2 channel version |

# DIGITAL YEARLY TIMER

## müller SC 38.x0 pro5

### Order information

|                      | Voltage            | EAN           | Art. No. |
|----------------------|--------------------|---------------|----------|
| <b>SC 38.10 pro5</b> | 110-230 V 50-60 Hz | 4022709246998 | 24699    |
| <b>SC 38.10 pro5</b> | 12-24 V ACDC       | 4022709247827 | 24782    |
| <b>SC 38.20 pro5</b> | 110-230 V 50-60 Hz | 4022709247834 | 24783    |
| <b>SC 38.20 pro5</b> | 12-24 V ACDC       | 4022709247841 | 24784    |

### Technical data

|   |  |
|---|--|
| Supply voltage  | 110-230 V, 50-60 Hz<br>12-24 V ACDC  |
| Voltage tolerance   | ±10%   |
| Power consumption (real power)                              | 0.9 W in "standby" mode  |
| Channel (potential-free)                                    | Change-over, contact gap < 3 mm (μ)  |
| Contact material  | AgSnO <sub>2</sub>   |
| Switching capacity  |  |
| 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 / 100 mA)   |
| Max. starting current                                       | 50 A   |
| Filament Lamp, Halogen Lamp                                 | 3,000 W  |
| LED (230 V~) / (LED lamps > 5 W)                            | 600 W  |
| Switching functions:  | Week – ON, OFF, pulse, cycle<br>Astro – ON, OFF, pulse<br>Year – ON, OFF, pulse, cycle |
| Duration (switching times):                                 |  |
| Pulse   | max. 23:59:59 hh:mm:ss   |
| Cycle (on-time/off-time)                                    | max. 23:59:59 hh:mm:ss   |
| Duration (external input):                                  |  |
| Timer   | max. 23:59:59 hh:mm:ss   |
| Staircase lighting  | max. 59 min  |
| Memory locations  | 300  |
| Minimum interval  | 1 Min.   |
| Time base   | Quartz<br>50 Hz<br>NTP server (with Wi-Fi/cloud)                                       |
| Quartz accuracy<br>(at -30...+55 °C)                        | ≤ ±0.5 sec/day   |
| Power reserve (at 20 °C)                                    | approx. 10 years (replaceable battery CR1620)  |
| 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<br>(DIN EN 60730-1)<br>(DIN EN 60730-2-7) | 1 BSTU   |
| Degree of contamination<br>(DIN EN 60730-1)                 | 2  |
| Rated surge voltage<br>(DIN EN 60730-1)                     | 4 kV   |

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