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 ≤ ±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

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SC 38.10 pro5	1 channel version
SC 38.20 pro5	2 channel version

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Order information

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

Technical data

Supply voltage	110-230 V, 50-60 Hz 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$_2$
Switching capacity resistive load: inductive load:	16 A / 250 V~ at cosφ=1 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 Astro – ON, OFF, pulse Year – ON, OFF, pulse, cycle
Duration (switching times): Pulse Cycle (on-time/off-time)	 max. 23:59:59 hh:mm:ss max. 23:59:59 hh:mm:ss
Duration (external input): Timer Staircase lighting	 max. 23:59:59 hh:mm:ss max. 59 min
Memory locations	300
Minimum interval	1 Min.
Time base	Quartz NTP server (with Wi-Fi/cloud)
Quartz accuracy (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 (110-230V, 50-60Hz) -10…+55 °C (12-24V ACDC)
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

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Droits de modifications techniques réservés / Suscettibile di errori e modifiche