müller

DIGITAL ASTRO TIMERS
müller SC 28.x3 pro4 - paladin 172 4x3 pro4

Accessories

Save´n carry App

Overview

- 1 or 2 channels
- Daily and weekly program
- Astro program
- Economical night program
- 100 memory locations
- Zero-crossing
- 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
- Extra switching times ON, OFF
- 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)
- Exchangeable battery (CR 2032) with 10 years battery reserve
- Optimized own consumption: only 0.3 W in „standby"
- Easy handling
- Quick and intuitive programming
- Can be programmed with supply disconnected
- Unlimited program security by E2-PROM

Supply voltage versions

- 230 V, 50-60 Hz
- Other supply voltage versions on request

Order numbers

müller	paladin	
SC 28.13 pro4	172 413 pro4	1 channel version Bluetooth
SC 28.23 pro4	172 423 pro4	2 channel version Bluetooth

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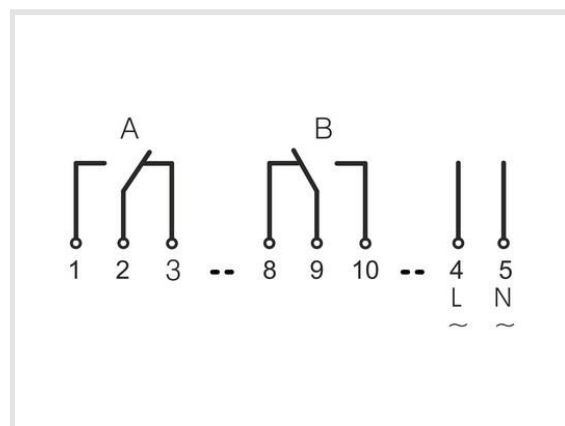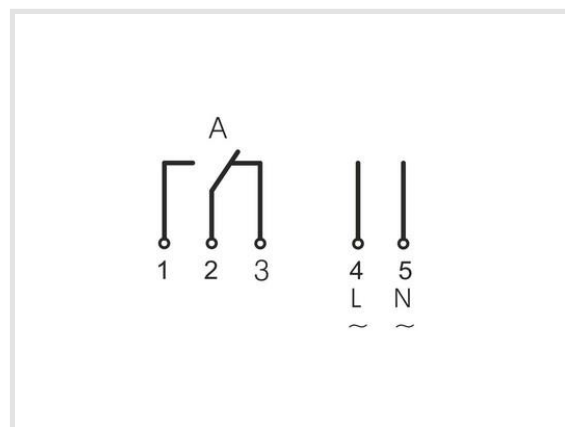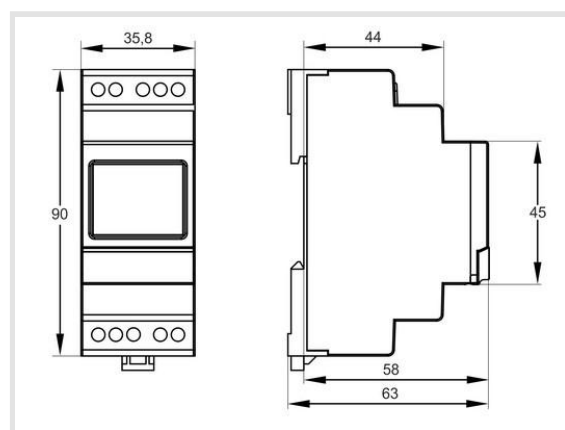müller SC 28.x3 pro4 - paladin 172 4x3 pro4

Order information

	Voltage	EAN	Art. No.
SC 28.13 pro4	230 V 50-60 Hz	4022709222671	22267
SC 28.23 pro4	230 V 50-60 Hz	4022709222688	22268
172 413 pro4	230 V 50-60 Hz	4022709222695	22269
172 423 pro4	230 V 50-60 Hz	4022709222701	22270

Other supply voltage versions on request

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: inductive load:	16 A / 250 V~ at cosφ=1 10 A / 250 V~ at cosφ=0,6
Min. switching power	1.000 mW (10 V / 10 mA)
Max. starting current	50 A max. 20 ms
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~) (LED lamps > 2 W)	600 W
Switching functions	Astro - ON/OFF Night - ON/OFF Extra - ON/OFF Permanent - ON/OFF
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

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