DIGITAL WEEKLY TIMER

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



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

Accessories



Save´n carry App



Save 'n carry WIN10 App

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

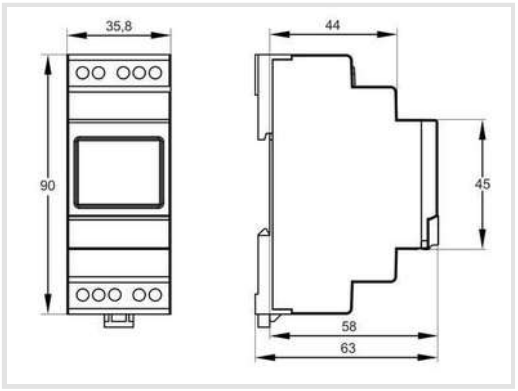
Other supply voltage versions on request

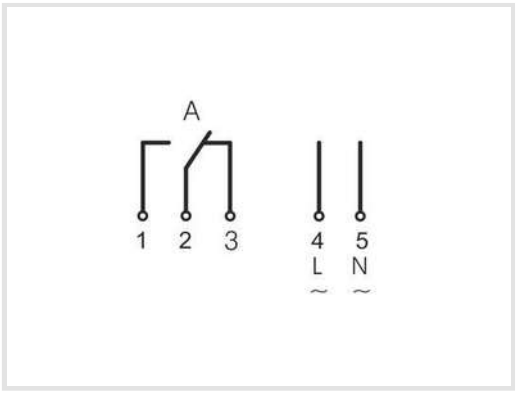
Low voltage versions: no backlit LCD, no zero crossing switching

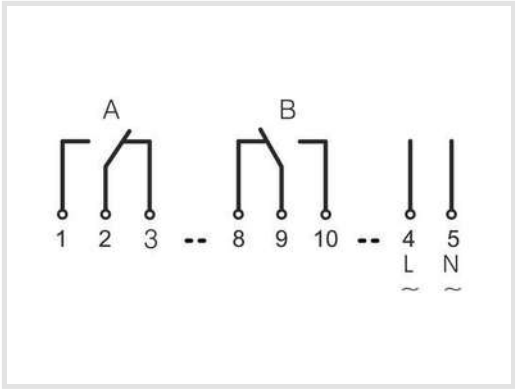


Technical data

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: 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
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	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







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