DIGITAL WEEKLY TIMER
müller SC 18.x0 easy - paladin 170 4x0 easy

Overview

- 1 or 2 channels
- Daily and weekly program
- Yearly program by extra switching times
- 56 memory locations
- Integrated NFC
- Programmable via App (Android)
- 10 years battery-reserve
- Exchangeable battery (CR 2032)
- Minimum interval 1 min.
- Switching capacity 16 A per channeln
- 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
- NFC programming (ISO 15693 Standard)

Highlights

- Complete switching program of the present day at a glance
- Exchangeable battery (CR 2032) with 10 years battery reserve
- Optimized own consumption: only 0.2 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
- Programmable with smartphone via NFC (free Save'n carry App)

Supply voltage versions

- 230 V, 50-60 Hz
- 24 V ACDC
- 12 V ACDC
- Other supply voltage versions on request
- Low voltage versions:
  no backlit LCD

Order numbers

. müller	. paladin	
SC 18.10 easy	170 410 easy	1 channel version NFC
SC 18.20 easy	170 420 easy	2 channel version NFC

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Technical data

Supply voltage	230 V, 50-60 Hz other voltages on request
Power consumption (real power)	0,2–1,0 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 $\cos\varphi=1$ 10 A / 250 V~ at $\cos\varphi=0,6$
Min. switching power	1.000 mW (10 V / 10 mA)
Max. starting current	50 A
Filament Lamp, Halogen Lamp	2.000 W
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~) (LED lamps > 5 W)	200 W
Switching functions	ON OFF impuls extra permanent
Pulse length Pulse function (switching time)	00:01 up to 59:59 mm:ss
Memory locations	56
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: from version 4.4 iOS: from version 13.2.3, Model: from IPhone 7
Accessories (free download)	Programmable with smartphone via NFC: App - Save`n Carry

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