# DIGITAL WEEKLY TIMER

**müller SC 18.x0 easy - paladin 170 4x0 easy**





## Accessories



Save´n carry 2.0

## Overview

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

- see technical data

## Order numbers

| müller | paladin | |
|---|---|---|
| SC 18.10 easy | 170 410 easy | 1 channel version |
| SC 18.20 easy | 170 420 easy | 2 channel version |


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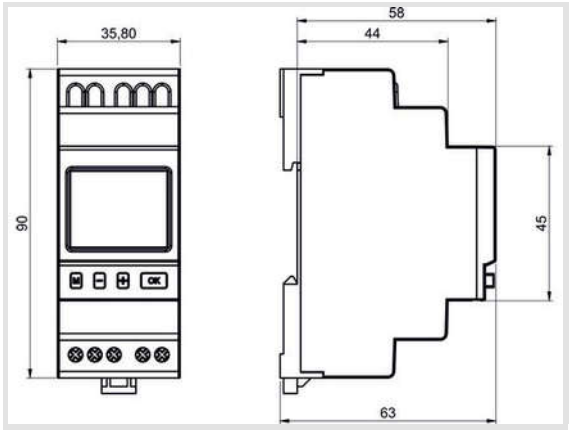
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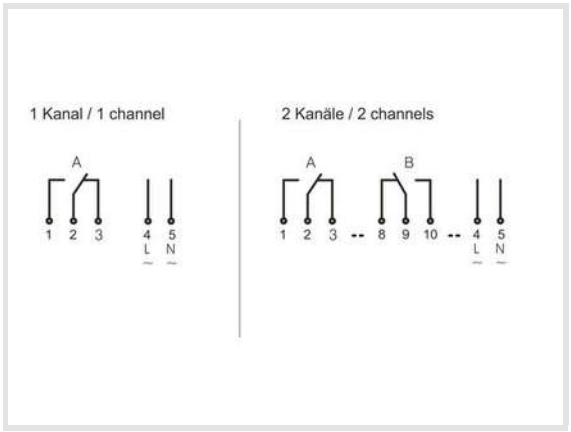
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## Technical data

| | |
|---|---|
| Supply voltage | 230 V, 50-60 Hz |
| 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<br>per channel<br>resistive load:<br>inductive load: | <br><br>16 A / 250 V~ at cosφ=1<br>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 | 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~)<br>(LED lamps > 5 W) | 200 W |
| Switching functions | ON<br>OFF<br>impuls<br>extra<br>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<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 |
| Minimum requirement | Android: from version 5<br>iOS: from version 13.2.3, Model: from IPhone 7 |
| Accessories<br>(free download) | Programmable with smartphone via NFC:<br>App - Save`n Carry |




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