

## DIGITAL ASTRO TIMERS

paladin 173 113 easy



### ZUBEHÖR



Save'n carry App

### Overview

- Time switch digital astro
- Flush-mounted fitting
- 1 channel
- Daily and weekly program
- Astro program
- Economical night program
- Extra switching times
- 56 memory locations
- 10 years battery-reserve
- Minimum interval 1 min
- Switching capacity 10 A per channel
- Permanent by date / holiday function
- Manual permanent mode
- Manual override
- Automatic sorting of switching times on readout
- Unrestricted block programming
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Security by PIN-Code
- Text based menu
- Easy handling
- Unlimited program security by E<sup>2</sup>-PROM
- Optimized Quartz accuracy for typical ambient conditions in standard installations
- Illuminated display
- NFC programming (ISO 15693 Standard)

### Highlights

- Astro program
- Complete switching program of the present day at a glance
- 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 E<sup>2</sup>-PROM
- Programmable with smartphone via NFC (free Save'n carry App)
- Ideal for modern lamps [LED, CFL, etc.]

### Supply voltage versions

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

### 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](https://play.google.com/store/apps/details?id=de.hugomueller.Save_n_Carry)

### Order numbers

■ **paladin**

173 113 easy 1 channel version

# DIGITAL ASTRO TIMERS

## paladin 173 113 easy

### Order information

|  | Voltage        | EAN           | Art. No. |
|--|----------------|---------------|----------|
| <b>173 113 easy</b>                      | 230 V 50-60 Hz | 4022709233219 | 23321    |
| Other supply voltage versions on request |                |               |          |

### Technical data

|   |   |
|---|---|
| Supply voltages                                       | 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 <sub>2</sub>  |
| Switching capacity                                    |   |
| resistive load:                                       | 10 A / 250 V~ at cosφ=1   |
| inductive load:                                       | 10 A at cosφ=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 VA  |
| Fluorescent Lamp series compensated                   | 1.000 VA  |
| Fluorescent Lamp parallel compensated                 | 550 VA  |
| LED (230 V~) / CFL                                    | 200 W   |
| Switching functions                                   |   |
| Astro:  | ON/OFF  |
| Night:  | ON/OFF  |
| Extra:  | ON/OFF  |
| Permanent   | ON/OFF  |
| Offset Astro switching time                           | +/-90min.   |
| Memory locations                                      | 56  |
| Minimum interval                                      | 1 Min.  |
| Time base   | Quartz  |
| Quartz accuracy (at 20°C)                             | ±0,5 Sec./day (Quartz accuracy optimized for typical ambient conditions)    |
| Power back-up (at 20°C)                               | approx. 10 years (depends on the Lithium-battery life)                      |
| Program security                                      | unlimited   |
| Display   | illuminated LCD   |
| Permitted ambient temperature                         | -30° ... +55°C  |
| Housing   | self-extinguishing thermoplastic  |
| Colour:   |   |
| cover frame   | Polarwhite (similar to RAL 9010)  |
| adapter frame   |   |
| cover plate   |   |
| Mounting  | Flush-mounting  |
| 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<br>iOS: from version 13.2.3, Model: from iPhone 7 |
| Accessories (free download)                           | Programmable with smartphone via NFC:<br>App - Save'n Carry                 |

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