



- 1 channel
- Daily and weekly program
- Astro program
- Economical night program
- Extra switching times
- 60 memory locations
- 6 years battery-reserve
- Minimum interval 1 min.
- Switching capacity 10 A
- 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
- Illuminated display

Easy and intuitive handling

by text based menu and scrolling text



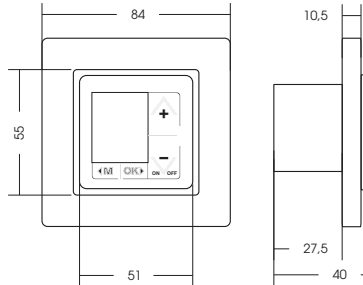
Highlights

- Astro program
- Text based menu and self-explanatory symbols
- Display with two text lines
- Easy handling. Quick and intuitive programmable time switch
- Can be programmed with supply disconnected
- Unlimited program security by E²-PROM

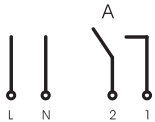
basic extended premium

Digital time switches 173 113 *pro astr*

flush-mounted fitting



paladin 173 113 pro



Technical data

Supply voltages	230 V, 50–60 Hz
Power consumption (real power)	1.0 W
Channel (potential-free)	Normally open, contact gap < 3 mm (μ)
Contact material	AgSnO ₂ + W pre-make contact
Switching capacity	10 A / 250 V~ at cosφ=1 10 A with inductive load cosφ=0.6
Min. switching power	1,000 mW (10 V / 10 mA)
Max. starting current	165 A / 20 msec. (filament lamp) 800 A / 200 μsec. (fluorescent lamp)
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
Compact Fluorescent Lamp convent. lamp ballast	1.000 VA
Compact Fluorescent Lamp electron. lamp ballast	4 x electronic lamp ballast, power independent
LED (230 V~) / CFL	400 W
Switching functions	Astro ON/OFF; Night ON/OFF; Extra ON/OFF
Offset Astro switching time	± 90 min.
Memory locations	60
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. 6 years (depends on the Lithium-battery life)
Program security	unlimited (E ² -PROM)
Display	high resolution LCD
Permitted ambient temperature	–30°...+50°C
Housing	self-extinguishing thermoplastic
Colour of cover frame, adapter frame, cover plate	Polarwhite (similar to RAL 9010)
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)	1 BSTU
Degree of contamination (DIN EN 60730-1)	2
Rated surge voltage (DIN EN 60730-1)	4 kV

Order number	Channels	Time base	Special function
paladin 173 113 pro	1	Quartz	Astro

 Housing colour