

astr-Ö-



Colour: Polarwhite

## paladin 173 113 pro

- 1 channel [N/O contact]
- Robust relay with tungsten pre-make contact
- Double pole safety breaker
- Daily and weekly program
- Astro program
- 60 memory locations
- Minimum interval 1 min
- Permanent by date / holdaiy function
- Manual permanent mode
- Manual override
- Automatic sorting of switching times
- Unrestricted block programming
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Security by PIN-code

### Easy and intuitive handling

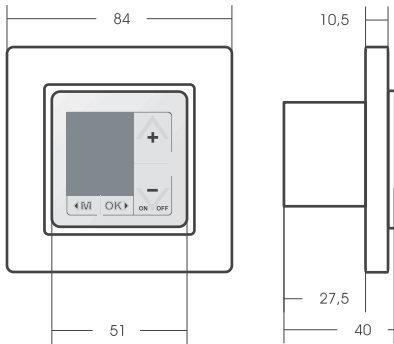
by text based menu and scrolling text



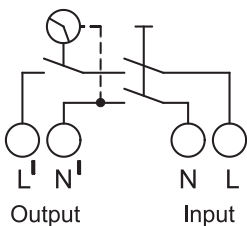
### Highlights

- **Double pole safety breaker**
- 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 (6 years battery-reserve)
- Unlimited program security by E<sup>2</sup>-PROM

## Digital time switch 173 113 pro flush-mounted fitting



paladin 173 113 pro



### Technical data

<b>Supply voltage</b>	230 V, 50-60 Hz
<b>Power consumption</b> (real power)	0,7 W
<b>Channel</b> (potential-free)	Normally open, contact gap < 3mm (μ)
<b>Contact material</b>	AgSnO <sub>2</sub> + W pre-make contact
<b>Switching capacity</b>	16A / 250V~ at cosφ=1 4A with inductive load cosφ=0,6
<b>Min. switching power</b>	1000 mW (10 V / 10 mA)
<b>Max. starting current</b>	165 A / 20 msec. (filament lamp) 800 A / 200 μsec. (fluorescent lamp)
<b>Filament Lamp</b>	2,000 W
<b>Halogen Lamp</b>	2,000 W
<b>Flourescent Lamp uncompensated</b>	1,000 VA
<b>Flourescent Lamp series compensated</b>	1,000 VA
<b>Flourescent Lamp parallel compensated</b>	550 VA
<b>Flourescent Lamp double switch</b>	1,000 VA
<b>Mercury Discharge Lamp uncompensated</b>	4 x 125 W, 2 x 250 W, 1 x 400 W, 1 x 700 W
<b>Mercury Discharge Lamp parallel compensated</b>	6 x 50 W (7 μF), 4 x 125 W (10 μF), 2 x 250 W (18 μF), 1 x 400 W (25 μF), 1 x 700 W (40 μF)
<b>Sodium Discharge Lamp uncompensated</b>	2 x 250 W, 1 x 400 W
<b>Compact Fluorescent Lamp convent. lamp ballast</b>	1,000 VA
<b>Compact Fluorescent Lamp electron. lamp ballast</b>	4 x electronic lamp ballast, power independent
<b>Switching functions</b>	Astro ON/OFF; Night ON/OFF; Extra ON/OFF
<b>Offset Astro switching time</b>	+/- 90 min.
<b>Memory locations</b>	60
<b>Minimum interval</b>	1 min.
<b>Time base</b>	Quartz chrystal
<b>Power back-up</b> (at 20°C)	approx. 6 years (depends on the Lithium-battery life)
<b>Program security</b>	unlimited (E <sup>2</sup> -Prom)
<b>Quartz cryst. accuracy</b> (at 20°C)	≤ ± 0,5 sec. / day
<b>Display</b>	high resolution LCD (visible area 7,5 cm <sup>2</sup> )
<b>Permitted ambient temperature</b>	-10° ... +30°C (I <sub>max.</sub> = 16A) -10° ... +50°C (I <sub>max.</sub> = 10A)
<b>Enclosure</b>	self-extinguishing thermoplastic
<b>Colour of ornate frame, adapter frame and faceplate</b>	Polarwhite
<b>Mounting</b>	flush mounting
<b>Type of connection</b>	Screw terminals (pull-up type)
<b>Type of protection</b>	IP 20 according to DIN EN 60529
<b>Class of protection</b>	II when installed according to regulations

### Overview time switch functions

	Switching time	Channel-key
ON/OFF	✓	✓
Permanent	✓	✓
Pulse		
Timer		
Cycle		
Astro	✓	
Permanent by date	✓	
Yearly program		

Order number	Channels	Special feature
paladin 173 113 pro	1	2-pole-switch

✓ Housing colour