

Suntracker DIN 72102 NFC

Two Module, Single Channel Time Switch

Basic astro daily function



for illustration purposes

Benefits

A two module wide, single channel, simple to set astronomical timer that it is designed to control various lighting loads (including LED lighting) automatically according to sunrise and sunset times.

Examples of applications: street lighting, neon signs, festive lighting, store windows, monuments, frontages, etc. Requires minimum time to set up and includes an optional night program.

This time switch is NFC enabled, the same as 'contactless' bank cards. With just one tap you can connect to an NFC-enabled Android smartphone or tablet to program the switch or to transfer settings across multiple switches. This is optional, switch settings can still be controlled on-unit if required.

Product requires an Android device with an NFC chip included. App requires Android 3.0 or above.

Features

- 1 Channel
- Astro-daily-program
- Economical night program
- 4 memory locations
- 10 years battery-reserve
- Exchangeable battery (CR 2032)
- Minimum interval 1 min.
- Switching capacity 16A
- Manual permanent mode
- Manual override
- Fully automatic daylight saving time
- Security by PIN-Code
- Complete switching program at a glance
- Optimised own consumption: only 0.2W in "standby" mode
- Large, clear and illuminated display
- Quick and intuitive programming
- Can be programmed with supply disconnected
- Unlimited program security by E²-PROM
- NFC programming via smartphone/tablet (free 'Sangamo Connect' Android app required)

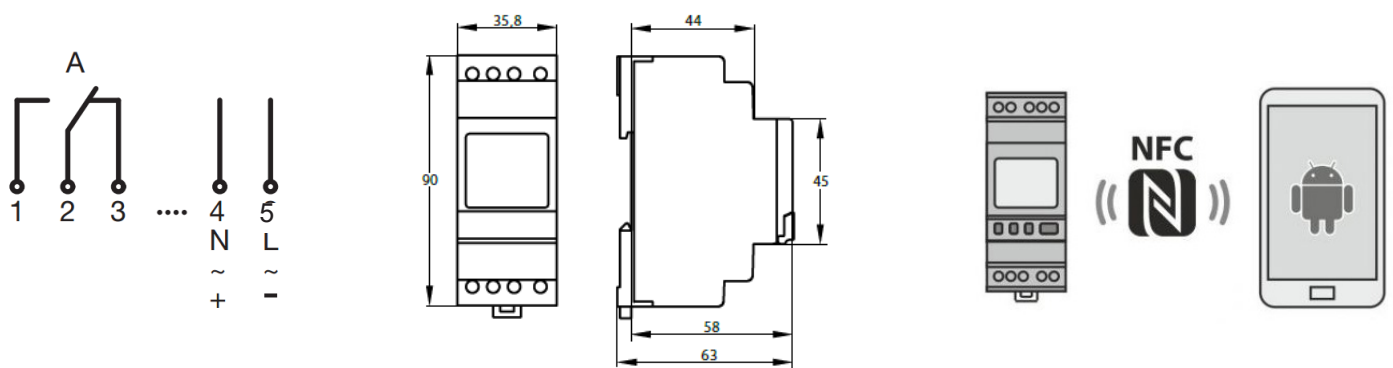
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Technical Data

| | |
|---|---|
| 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 gap <math><3\text{mm}</math> (μ) |
| Contact material | AgSnO ² |
| Switching capacity | 16A / 250 V ~ at $\text{cos} = 1$ 10A with inductive load $\text{cos} = 0.6$ |
| Min. Switching power | 1,000 mW (10 V/10 mA) |
| Max. starting current | 50 A |
| Filament Lamp | 2,000 W |
| Halogen Lamp | 2,000 W |
| Fluorescent Lamp uncompensated | 1,000 W |
| Fluorescent Lamp series compensated | 1,000 W |
| Fluorescent Lamp parallel compensated | 550 W |
| Compact Fluorescent Lamp | 200 W |
| LED 230 V AC | 200 W |
| Switching functions | Astro ON/OFF, Night ON/OFF |
| Offset Astro switching time | +/- 90 min. |
| Memory Locations | 4 |
| Minimum interval | 1 min |
| Power back-up (at 20°C) | approx. 10 years (exchangeable battery) |
| Program security | unlimited (E ² -PROM) |
| Quartz cryst. accuracy (at 20°C) | $\leq \pm 0.5 \text{ sec/day}$ |
| Permitted ambient temperature | -30°C to +55°C |
| Enclosure | self-extinguishing thermoplastic |
| Distribution board mounting | 35 mm DIN-rail (DIN EN 60715) |
| Type of protection | IP20 to DIN EN 60529 |
| 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 |

Electrical Connections



Contact Us: 01475 745131

CUSTOMER CARE POLICY

As part of Sangamo's continuous improvement program, the Company operates a Customer Care Policy. This means that we welcome your comments and complaints, as it can only help us to improve our services to you, our customer.



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