

Suntracker DIN 72103 NFC/72203 NFC Two Module, One or Two Channel Time Switch



Benefits

A two module wide 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 (72103 NFC) or 2 channel (72203 NFC)
- Daily and weekly program
- Astro program
- Economical night program
- Extra switching times
- 56 memory locations
- 10 years battery-reserve
- Exchangeable (CR 2032)
- Minimum interval 1 min.
- Switching capacity 16A per channel
- Permanent by date and time/holiday function
- Manual permanent mode
- Manual override
- Automatic sorting of switching times on readout
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Easy handling
- 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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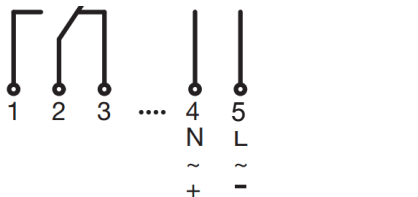


Technical Data

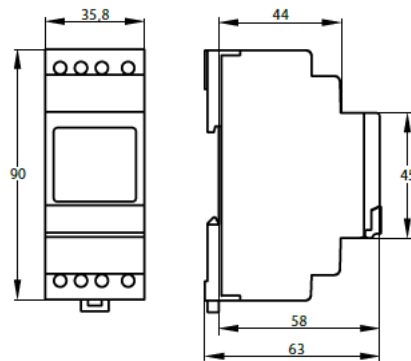
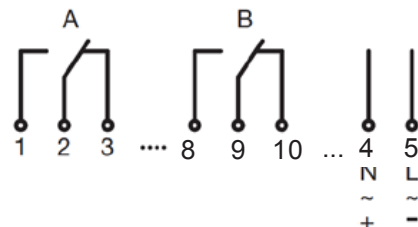
Supply voltage	230 V, 50-60 Hz
Power consumption (real power)	0.2- 1.0 W (depending on the switching status)
Channel (potential-free)	Change-over
Contact material	AgSnO ²
Switching capacity	16A / 250 V ~ at cos = 1 10A with inductive load cos = 0.6
Min. Switching power	1,000 mW (10 V/10 mA)
Max. starting 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, Extra ON/OFF, permanent
Offset Astro switching time	+/- 90 min.
Memory Locations	56
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)	< / = ±0.5 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

72103 NFC



72203 NFC



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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