SANGAMO

Standard DIN 72113 NFC/72213 NFC

Two Module, One or Two Channel Time Switch



NFC

Benefits

A two module wide general purpose timer that it is perfect for applications where space economy may be a factor. Requires minimum time to set up. They can be used for lighting, heating, ventilation, motor control, pump control, machinery control, etc...

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 (72113 NFC) or 2 channel (72213 NFC)
- Daily and weekly program
- Yearly program by 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
- Extra switching times ON, OFF and pulse by date and time
- Manual override
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Security by PIN-Code
- 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 E^2-PROM
- NFC programming via smartphone/tablet (free 'Sangamo Connect' Android app required)

sangamo.co.uk

GET IT ON Google Play

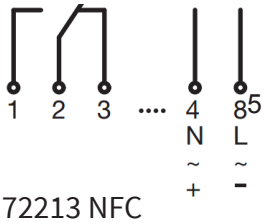
NFC

Technical Data

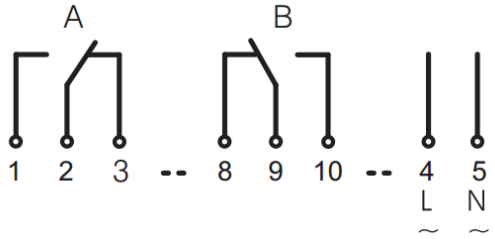
Supply voltage	*230 V, 50-60 Hz*
Power consumption (real power)	*0.2- 1.0 W (depending on the switching status)*
Channel (potential-free)	*Change-over*
Contact material	*$AgSnO^2$*
Switching capacity	*16A / 250 V ~ at cos = 1*
	10A with inductive load cos = 0.6
Min. Switching power	*1,000 mW (10 V/10 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	*ON, OFF, pulse, extra, permanent*
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*

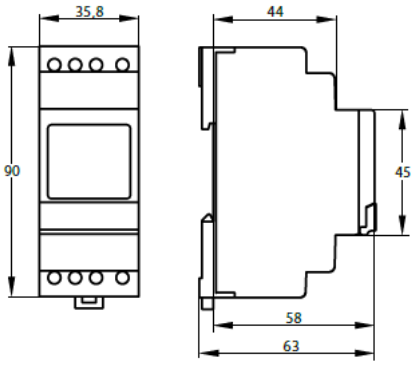
Electrical Connections

72113 NFC



72213 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.

SANGAMO

Sangamo Limited, Industrial Estate, Port Glasgow, Renfrewshire PA14 5XG
Tel: 01475 745131
Email : enquiries@sangamo.co.uk Web: www.sangamo.co.uk