

Standard DIN 72112/72212 Two Module, One or Two Channel Time Switch



for illustration purposes

Benefits

A two module wide, single channel, 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.

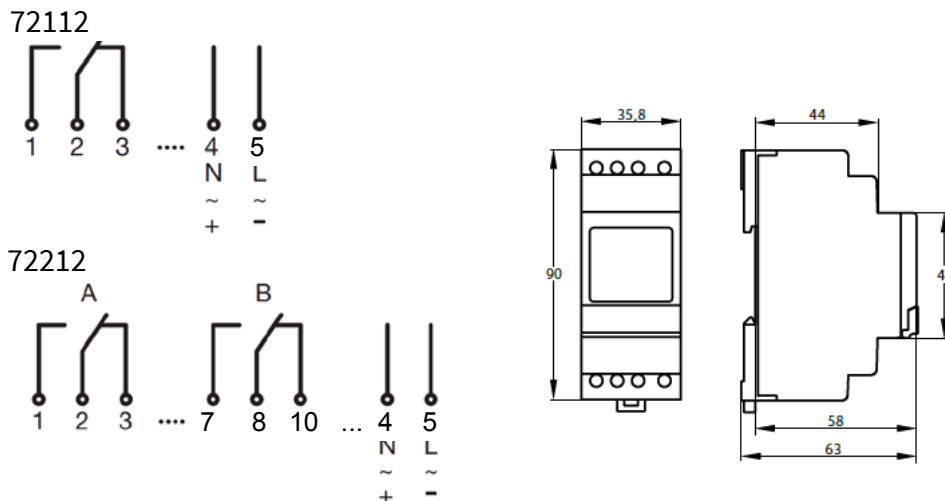
Features

- 1 channel (72112) or 2 channel (72212)
- Daily and weekly program
- 48 memory locations
- 10 years battery-reserve
- Minimum interval 1 min.
- Switching capacity 16A per channel
- Permanent by date/holiday function
- Manual permanent mode
- Manual override
- Unrestricted block programming
- Automatic sorting of switching times on readout
- Fully automatic daylight saving time
- Elapsed time and pulse counter
- Security by PIN-Code
- Large, clear and illuminated display
- Quick and intuitive programming
- Can be programmed with supply disconnected
- Unlimited program security by E²-PROM

Technical Data

Supply voltage	230 V, 50-60 Hz
Power consumption (real power)	0.8- 1.8 W (depending on the switching status)
Channel (potential-free)	Change-over
Contact material	AgCdO
Switching capacity	16A / 250 V ~ at $\cos = 1$ 6A with inductive load $\cos = 0.6$
Min. Switching power	500 mW (10 V/10 mA)
Max. starting current	30 A
Filament Lamp	1,000 W
Halogen Lamp	1,000 W
Fluorescent Lamp with electronic lamp ballast	500 W
Fluorescent Lamp conventional lamp ballast	400 W
Compact Fluorescent Lamp	300 W
LED 230 V AC	300 W
Switching functions	ON; OFF; Pulse
Pulse Length	00:01 up to 59:59 mm:ss
Memory Locations	48
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

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