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PCZ-521.4

1-channel time switch

Index: PCZ-521.4

Weekly. Single channel.

Configuration for iOS and Android phone.

Programmable timer is used for **time control** of devices in home or industrial automation systems according to an individual time program set by the user. PCZ-521 timer is designed for **DIN rail mounting**.



FUNCTIONING

DESCRIPTION

NEW FUNCTION IN 4-Series CLOCK.

On the Series 4 device, the clock **configuration** can be **read and saved wirelessly** via an **Android or iOS** phone equipped with an **NFC communication module**.



<https://www.youtube.com/embed/pqBjRLAqW6A?enablejsapi=1&origin=https%3A%2F%2Fwww.fif.com.pl>

How does the PCZ-521 programmable weekly clock work?

The timer switches an appliance or electrical circuit on and off at programmed times in cycles:

- daily,
- weekly,
- working days (Mon-Pt)
- weekend (So, Nd)

Timer functions

PCZ CONFIGURATOR APPLICATION

Free application for Android phones and tablets with NFC wireless communication module.

ON-OFF COMMAND

Program entry according to which the receiver will be turned on or off.

500 MEMORY CELLS

Memory of individual entries allowing 250 pairs of ON-OFF COMMANDS to be programmed.

AUTOMATIC OPERATION

Operation according to ON-OFF COMMANDS programmed by the user in the clock memory. [display symbol on].

MANUAL OPERATION

[ON] permanent contact activation (items 1-5) or [OFF] permanent contact disconnection (items 1-6) when AUTOMATIC OPERATION mode is disabled. [no symbol on display]

OPERATION CYCLE

Set weekly cycle, 7 days from Monday to Sunday. It realizes receiver switching according to programmed ON-OFF COMMANDS:

- * single day of the week: Mo; Tu; We; Th; Fr; Sa or Su.
- * weekdays: Mo Tu We Th Fr (Monday to Friday).
- * weekend days: Sa Su (Saturday and Sunday).
- * daily: Mo Tu We Th Fr Sa Su (Monday through Sunday).

AUTOMATIC TIME CHANGE

Change of time from winter to summer. Option to work with or without automatic change. The controller is equipped with a time zone selection function. This ensures that the switching time is in accordance with the local time.

DATE VIEW

Possibility to preview the set date (OK.).

PREVIEW OF THE CURRENT PROGRAM

In date preview mode, successive presses of the +/- buttons display information about the number and details of the currently executed program.

NFC WIRELESS COMMUNICATION

Ability to wirelessly read and save the timer configuration via an Android phone with NFC communication module.

TIMER CORRECTION

Set monthly correction of system clock seconds.

BATTERY CHARGE INDICATOR

Checking the status of the battery that keeps the timer running when the main power supply is not available. If the battery is low, the user will be notified to replace it.

The battery life depends on the ambient temperature and the degree of battery use.

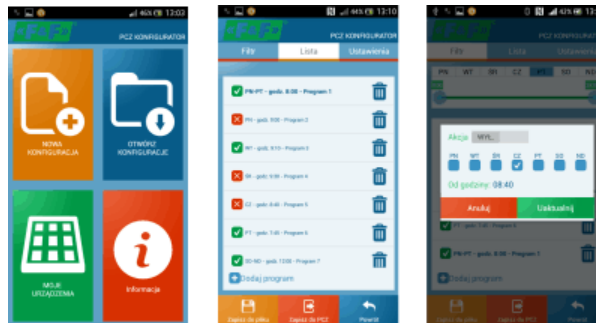
LCD BRIGHTNESS CORRECTION

Changing the contrast of the display allows the LCD to be read clearly for different viewing angles.

RELAY STATUS MEMORY

The set state of the relay in manual mode is also remembered after power failure.

PCZ Configurator



NFC wireless communication allows the timer configuration to be read and saved wirelessly via an Android phone with an NFC communication module. Using the free PCZ Configurator and NFC:

- You will prepare the timer configuration offline (without connecting to the timer).
- You will read and write the prepared configuration to the controller.
- You can quickly program multiple controllers with a single configuration
- You will read and write the configuration to a file.
- You can share the prepared configuration via e-mail, bluetooth, network drives.
- You uniquely identify the connected timer.
- You give the devices their own names.
- Automatic backup of the configuration in conjunction with the unique identifier of each clock allows you to easily restore a previous configuration.
- The time and date are set based on the clock on the phone.



The app is available on Google Play!

NOTE!

Currently the PCZ-521 clock is sold with index 4.

This is the index indicating the software version of the clock.

Check what software version your clock has and download the correct manual.

https://www.youtube.com/embed/ui6S7G-Q_P0?enablejsapi=1&origin=https%3A%2F%2Fwww.fif.com.pl

<https://www.youtube.com/embed/m9Pp0zMZV-8?enablejsapi=1&origin=https%3A%2F%2Fwww.fif.com.pl>

TECHNICAL DATA

Depth	65 mm
Height	90 mm
Width	35 mm
Width in number of modular spacings	2
Max. switching power LED	250 W
Nominal switching current at 250 V AC	16 A
Number of memory locations	500
Shortest switching time channel 1	1 min
Number of contacts	1
Accuracy per day	1 s
Autonomy in years	6
Number of channels	1
Supply voltage	24-265 V

Text guidance in display	No
External programming	Yes
With memory card	No
60 min program	Yes
24 h program	Yes
Weekly program	Yes
Annual program	No
Holiday program	No
Impulse program	No
Cycle program	Yes
Astro program	No
Random program	No
Hour meter	No
Mains synchronous	No
Quartz controlled	Yes
Radio-controlled	No
Radio-controlled (DCF77)	No
GPS (global positioning system)	No
Automatic switching summer/winter time	Yes
Suitable for manual operation	Yes
External push button input	No
Switching preselection	No
Potential free switch contact	Yes
Mounting method	DIN rail
Voltage type (supply voltage)	AC/DC
Contact type	Change-over contact (NO/NC)
Degree of protection (IP)	IP20
Shortest switching time channel 2	0 min
Autonomy in hours	0