

ZAMEL sp. z o.o.

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DESCRIPTION

PCM-11 is a multi-functional time relay for timer-based automatic control. The product can cyclically switch the wired system on for a preset time t1 and off for a preset time t2. The product can also switch the wired system on and off with a preset delay and generate pulses of specific duration. Key benefits include a very wide range of time settings, and the product can be switched on or off continuously. The operating mode can be switched to a different one before it ends.

FEATURES

- Independent switch on and off time settinas.
- A wide time setting range: from 0.1 s to 10 days.
- Can generate pulse of specific dura-
- Continuous on/off functions.
- Relay output: one 16 A max. switchable contact.
- Single-module housing.
- DIN-Rail mountable.

TECHNICAL DATA

PCM-11

Power input terminals: L; N

230 V AC Rated supply voltage:

Supply voltage tolerance: -15 ÷ +10 %

Rated mains frequency: 50 / 60 Hz

> Rated current load: 10 mA

Time t setting range: 0.1 s ÷ 10 days (in increments or stepless)

± 3 s / 24h max. at 25 °C Time measurement accuracy:

> 1NO/NC-16 A/250 V AC1 4000 VA Relay contact ratings:

Wiring terminals:

Wiring size: 0.2 ÷ 2.50 mm²

Operating temperature: -10 ÷ +55 °C

Installation orientation:

Housing mounting: DIN-Rail

Housing protection rating: IP20

> Overvoltage category: Ш

> > Pollution class:

Surge voltage: 2 kV

Dimensions: single module (17.5 mm) 90x17.5x66 mm

Weight: 0.076 kg



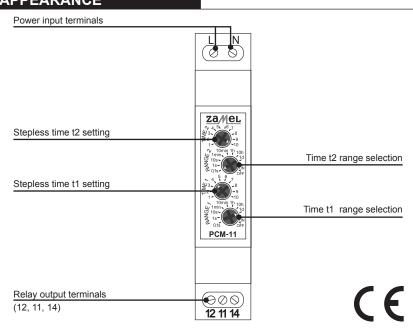
Connect this product to a single-phase power system according to applicable electrical and safety standards and regulations. See this Manual for the wiring instructions. In-CAUTION TO the wiring and adjust-

ment/setting shall only be done by qualified electricians who have read and understood this User Manual and the functions of the product. Do not open or otherwise disassemble the product housing; otherwise the product warranty will be void and an electrocution hazard may occur. Prior to installing and wiring this product, make sure that the wiring to be connected is not live. The conditions and methods of transport, storage and operation of this product may affect its performance. Do not install the product if any of its components are missing, the product is damaged or deformed in any way. If any malfunctions are found, consult the manufacturer.



Do not dispose of this device with other waste! In order to avoid harmful effects on the environment and human health, the used device should be stored in designated areas. For this purpose, you can dispose of household waste free of charge and in any quantity to a collection point set up, as well as to the shop when you buy new equipment.

APPEARANCE



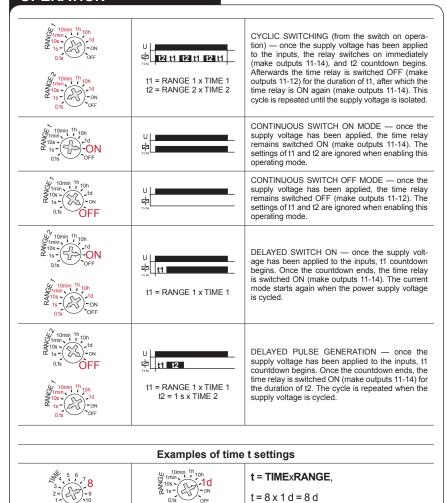
INSTALLATION

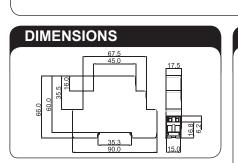
- 1. Isolate from power the wiring system to be connected with this product with its circuit breaker, overcurrent device or disconnector, as applicable.
- 2. Use a suitable tester to verify that the isolated power input wiring is not live.
- 3. Install the PCM-11 on a DIN-Rail in the respective switchboard.
- 4. Connect the wiring to the terminals, see the applicable wiring connection diagram.
- 5. Turn on the power of the connected wiring system.
- 6. Operate the TIME and RANGE potmeters to set the required operating mode and switch on/off times, respectively, of the time relay. Note: t1 = RANGE 1 x TIME 1. and t2 = RANGE 2 x TIME 2.

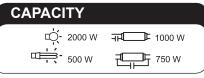
CONNECTION NØ-# za///eL (000 12 11 14 Relay contacts configuration

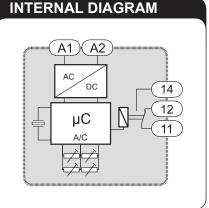
CAUTION! Changing the operating mode or a time setting will (always) immediately reset the counted down time and restart the active operating mode.

OPERATION









 $t = 8 \times 1 d = 8 d$

t = TIMExRANGE, $t = 3 \times 1 h = 3 h$

WARRANTY CARD

There is 24 months guarantee on the product

- 1. ZAMEL provides a two-year warranty for its products.
- 2. The ZAMEL warranty does not cover:
 - a) mechanical defects resulting from transport, loading / unloading or other circumstances
- b) defects resulting from incorrect installation or operation of ZAMEL products:
- c) defects resulting from any changes made by CUSTOMERS or third parties, to products sold or equipment necessary for the correct operation of products sold:
- d) defects resulting from force majeure or other aleatory events for which ZAMEL is not liable;
- e) power supply (batteries) to be equipped with a device in the moment of sale (if they appear);
- All complaints in relation to the warranty must be provided by the CUSTOMER in writing to the retailer after discovering a defect.;
 ZAMEL will review complaints in accordance with existing regulations.;
- The way a complaint is settled, e.g. replacement of the product, repair or refund, is left to the discretion of ZAMEL.

Guarantee does not exclude, does not limit, nor does it suspend the rights of the PURCHASER resulting from the discrepancy between the goods and the contract.

Salesman stamp and signature, date of sale