

## Staircase timer Economic, 6 operation modes, 230 VAC

Marka: Orno | Symbol: OR-PRE-473 | Ean: 5908254849565

**ORNO**


### PRODUCT DESCRIPTION

The Economic staircase timer is a modular device designed for controlling electrical circuits in lighting installations. The device is used in both domestic and industrial spaces, where it can control lighting, ventilation, heating or signalling.

The relay is supplied with 230V AC/DC at a frequency of 50/60Hz. It has one NO contact with a rated switching current of 16A for 250V AC and 24V DC. The maximum power is 4000VA.

The device has as many as 6 operating modes:

- ON for a set interval triggered by applying the supply voltage or closing of the control contact S (AUTO),
- OFF delay with the control contact S (R),
- ON for the set interval controlled by closing of the control contact S, with the function of switching off the output relay R prior to the lapse of the interval T (Wi),
- Permanent switching on (ON) / off (OFF).
- AUTO, R and Wi may work with an additional EXTRA TIME mode, where after the time in the basic mode has elapsed, the R contact is switched off for 1 s and then switched on again for 10 s. After the 10 s time has elapsed, the R contact is disconnected.

It is designed to be mounted on a 35 mm DIN rail in any position with the help of two catches - top and bottom. The unit has terminals for wires up to 2.5 mm<sup>2</sup>.

The compact dimensions of 65x18x90 mm and the width of one module ensure that the installation is convenient and space in the switchboard is saved.

The product complies with EN/IEC 60529 standards.

## TECHNICAL DATA

### General information:

Function:	Wielofunkcyjność
Mounting method:	Szyna DIN
Width in number of modular spacings:	1
Number of changeover switches:	1
Control voltage 1 [V]:	230
Type of control voltage 1:	AC/DC
Frequency control voltage 1 [Hz]:	50/60
Nominal switching current at 250 V AC [A]:	16
Rated load 24 V DC [V]:	16
Maximum power [VA]:	4000
Contact resistance:	≤ 100 mΩ
Maximum connection frequency:	600 cykli/h
Working voltage range:	0,9 - 1,1 Un

Electrical life:	> 0,5 x 10 <sup>5</sup>
Terminal wires [mm <sup>2</sup> ]:	2.5
Number and type of contacts:	1Z
Type material:	AgSnO <sub>2</sub>
Relative humidity [%]:	do 85
Impact resistance [g]:	15
Vibration resistance:	0,35 mm DA
Overvoltage category:	III
Enclosure flammability class UL94:	V0
Storage Temperature [°C]:	-40°C do +70°C
Operating Temperature [°C]:	-20~+50
Height [mm]:	65
Width [mm]:	17.8
Depth [mm]:	90
Standards:	EN/IEC 60529
Ingress protection:	IP20
Number of programmes:	6