



ZAMEL Sp. z o.o.

**zameL**

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## DESCRIPTION

The EDM-01 signalling module may be used in various systems, where acoustic alarm is needed, e.g. as an alarm signalling device. The module is very flexible and applicable in many circuits owing to the fact that it is supplied directly from 230 V AC network.

## FEATURES

- ☞ Applicable in signalling systems,
- ☞ Continuous duty acoustic module,
- ☞ Supplied directly from 230 V AC network,
- ☞ High sound level,
- ☞ Single-module casing,
- ☞ Mounted on TH 35 rail.

## TECHNICAL DATA

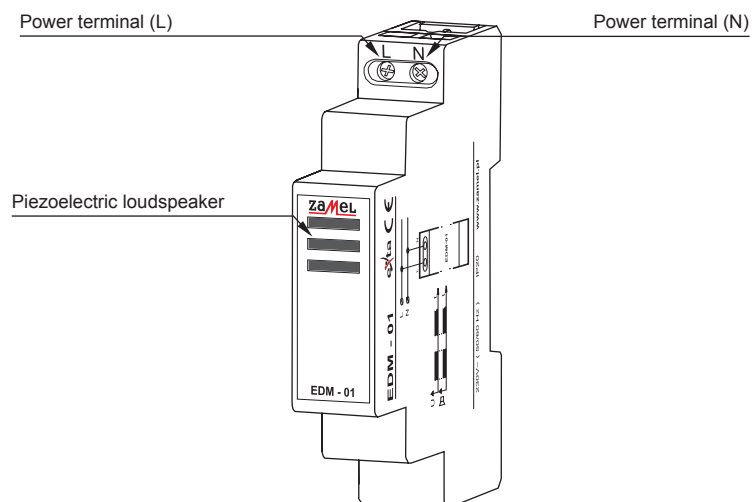
EDM - 01	
Power terminals:	L, N
Rated voltage:	230 V~
Rated voltage tolerance:	-15 ÷ +10 %
Rated frequency:	50 / 60 Hz
Rated current:	15 mA
Load supply indicator:	piezoelectric loudspeaker
Connection terminals quantity:	2
Connection wire section:	0,2 ÷ 2,50 mm <sup>2</sup>
Operating temperature:	-20 ÷ +45 °C
Operating position:	optional
Casing fastening:	TH 35 rail (according to PN-EN 60715)
Casing IP:	IP20 (PN-EN 60529)
Protection class:	II
Overvoltage category:	II
Pollution level:	2
Dimensions:	single-module (17,5 mm) 90x17,5x66 mm
Weight:	51 g
Standard conformity:	PN-EN 60669-1; PN-EN 60669-2-1 PN-EN 61000-4-2,3,4,5,6,11



**CAUTION**

The device should be connected to a single-phase system accordingly to current standards. The device connections will be described in this manual. Only qualified electricians are allowed to mount, connect and adjust the bell. It is necessary to read this manual before the device mounting. Do not disassembly the timer casing or you will lose any warranty rights and expose yourself to the electric shock hazard. Before mounting operation make sure of disconnecting the connection wires from the electric network. Use a cross-head screwdriver of 3.5 mm diameter to mount the device. The bell should be carried, stored and used in an appropriate way. Do not mount the bell in case of any device parts lack, damage or deformation. In case of malfunction please notify the manufacturer.

## APPEARANCE

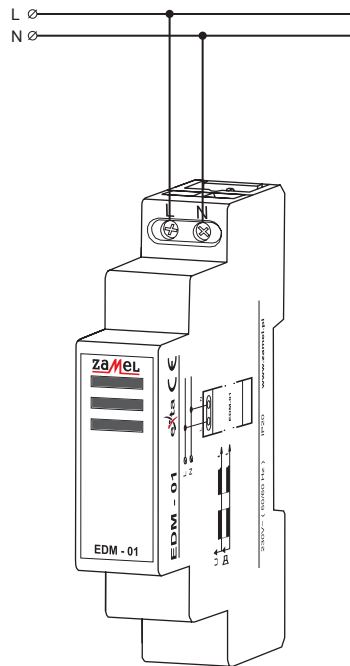


## ASSEMBLY, OPERATION

1. Disconnect the electric network by means of an appropriate cut-off, current-limiting circuit-breaker or separator.
2. Check if there is no any voltage between power leads by means of an appropriate gauge.
3. Mount the **EDM-01** module on TH - 35 rail.
4. Connect the system leads according to the electrical diagram.
5. Connect power supply circuit.

The device is ready to work just right after its appropriate connecting. An internal piezoelectric loudspeaker is ON after the module supplying with 230 V~ voltage. The speaker is OFF when power supply is OFF.

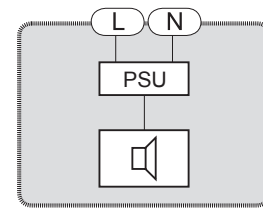
## CONNECTIONS



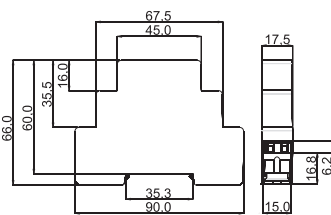
## TIME DIAGRAMMS



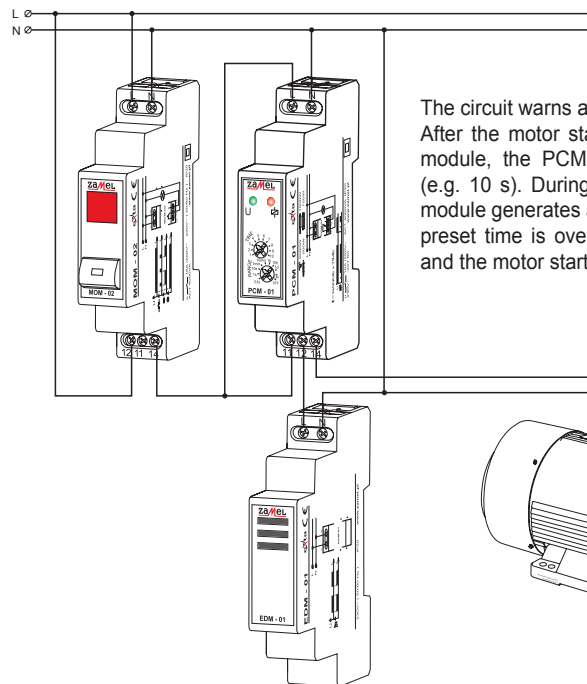
## UNIT DIAGRAM



## CASING DIMENSIONS



## APPLICATION



The circuit warns against motor switch-OFF. After the motor star by means of MOM-02 module, the PCM-01 counts preset time (e.g. 10 s). During this period the EDM-01 module generates acoustic signal. When the preset time is over, the sound will be OFF and the motor starts.

## PRODUCT FAMILY

The EDM-01 signalling module is a member of the EDM family.

### EDM - xx

Device version:  
01 - continuous op  
02 - resettable  
03 - bell

Device type

## WARRANTY

The product warranty is for a period of 24 months

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);
3. All complaints in relation to the warranty must be provided by the CUSTOMER in writing to the retailer after discovering a defect.;
4. ZAMEL will review complaints in accordance with existing regulations.;
5. The way a complaint is settled, e.g. replacement of the product, repair or refund, is left to the discretion of ZAMEL.
6. 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.

Dealer signature & stamp, purchase date