

## ISO-556B

### 1-Channel Isolated Relay Output Module

- 1 Form C Relay
- LED Light Activates when Relay is Energized
- Screw Terminals for Field Wiring

#### Operating

The ISO 556B 1 - channel relay output board consists of 1 form C relay for efficient switching of loads by programmed controller or dry contact . The relay is energized by closing contact for the appropriate relay command on the terminal block connector. The LED is light when the relay is activated to avoid overloading and isolate your system; this board provides a screw terminal connection.

#### General specifications

- Protection class open air: IP20
- Protection class enclosed (accessible front): IP40
- Self-extinguishing plastic housing UL V0 acc IEC 529
- Terminal : acc IEC 60947-7-1, IEC 60998-1
- Terminal Capacity: 1x4mm<sup>2</sup> without multicore cable end  
1x0.5 to 2.5mm<sup>2</sup> with/without multicore cable end
- Mounting position: on DIN-rail TS 35 according to EN 50022
- Mounting position: vertically

#### Input circuit

- Supply voltage: 230VAC
- Supply tolerance:  $\pm 10\%$
- Rated consumption: 0.35VA
- Rated frequency for as voltage: 50 to 60 Hz
- Duty cycle: 100%
- Reset time: 20 ms

#### Display

- Red LED indicates of relay energized.

#### Output circuit

- Relay: 1 C/O
- Rated voltage: 240 Vac
- Switching capacity AC : 5A / 240V / COS  $\phi = 1$
- Switching capacity DC : 3 A / 30 VDC
- Max switching capacity ac: 6 A
- Mechanical life:  $1 \times 10^6$  operations
- Electrical life:  $1 \times 10^5$  operations

#### Environmental conditions

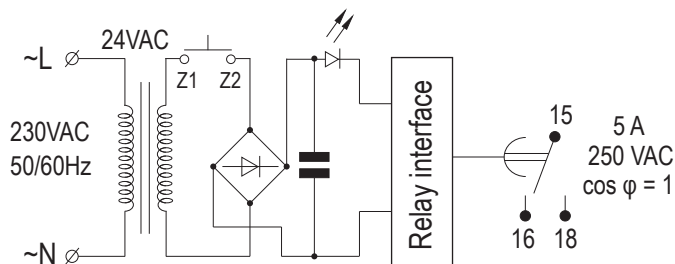
- Permissible ambient temperature: -20°C....+55°C
- Storage temperature: -25°C....+70°C
- Transport temperature: -25°C....+70°C
- Relative humidity (acc. IEC 721-3-3 CLASS 3K3): 15% to 85%



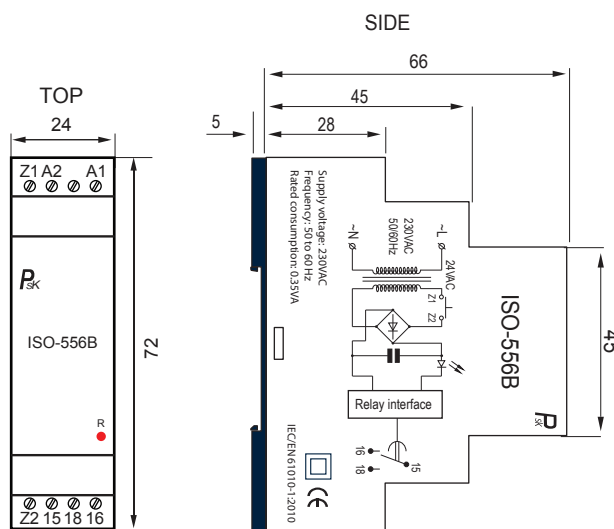
#### Dimensions & weight

- Width: 124 mm
- Height: 72 mm
- Depth (excl. DIN-profile): 66 mm
- Weight: 82 gram

#### Connections



#### Dimensions [mm]



#### Ordering information

ISO-556B