

## ISO-556B-6

### 6-Channel Isolated Relay Output Module

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

#### Operating

The ISO 556B 6 6-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: pluggable terminal blocks 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
- To connect the unit, use appropriate insulated 230VAC cord and appropriate circuit breaker.

#### Input circuit

- Supply voltage: 230VAC
- Rated consumption: 1.5VA
- Rated frequency for as voltage: 50-60 Hz
- Duty cycle: 100%
- Input: dry contact / 24vac Z1-Z2-Z3-Z4-Z5-Z6 / C
- Reset time: 20ms

#### Display

- Red LED indicates of relay energized.

#### Output circuit

- Relay: 6 relay C/O
- Rated voltage: 240 VAC
- Switching capacity : 5A / 240VAC / COS φ=1
- Switching capacity DC :3A / 30 VDC
- Max switching capacity: 6A
- Simultaneously switch current: 3A / 240V / COS φ=1
- Mechanical life: 1 x 10<sup>6</sup> operations
- Electrical life: 1 x 10<sup>5</sup> 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%



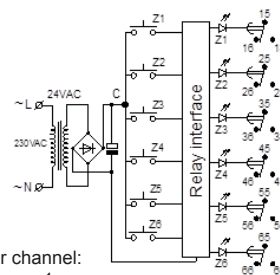
#### Safety

IEC 61010-1: 2010  
EN 61010-1: 2010

#### Dimensions & weight

- Width: 78 mm
- Height: 73 mm
- Depth (excl. DIN-profile): 67mm
- Weight: 276 gr

#### Connections

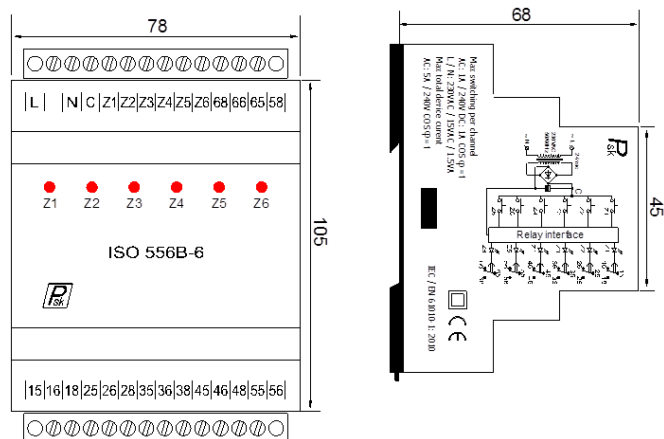


Max switching per channel:  
AC: 5A / 240V cosφ = 1  
DC: 3A / 30V  
Simultaneously switch current:  
AC: 3A / 240V cosφ = 1  
Rated consumption: 1.5VA



IEC/EN 61010-1:2010

#### Dimensions



#### Ordering information

ISO-556B-6