

I/O-08B-230V-10A

General

The I/O-08B-230V-10A module allows you to connect 8 circuits with a maximum of 230V/10A. The individual fuses can have any phasing.

There are 8 optical coupler 12-48V inputs on a common counter potential available. The functions of all the inputs and outputs can be freely programmed using the software.

In- / Outputs

- 8 relay outputs, 230V/10A, 2 contacts each on a common root node with 230V/10A load capacity
- 8 optical coupler inputs 12-48V

Function displays

- 1 red LED indicates the operating voltage
- 1 flashing yellow LED indicates the communication with the master via subnet
- 8 green LED signalise the current output states

Connections

- 1 connection for the subnet (BUS A and B, RS-485)
- 1 connection for the operating voltage (Ub, 0V)
- 8 outputs (two each on a common connection)
- 8 inputs (on a common reference terminal)
- 2 P-COM connections (subnet and operating voltage)

Design

- Light grey plastic casing, can be snapped onto 35 mm DIN rail mounting 6 separating units.

Special function DIP switch = emergency mode

- Switch „OFF“ = BUS operation
- Switch „ON“ = emergency mode (8x surge switching function: input E1 switches output A1, input E2 switches output A2, etc.)

Technical data

Type	I/O-08B-230V-10A
Art. Nr.	80022000
Operating voltage	16V to 35V DC or 16V to 27V AC
Power consumption	16V DC = 400mA, 24V DC = 250mA, 35V DC = 165mA 16V AC = 380mA, 24V AC = 220mA, 27V AC = 190mA (each all relays activated)
Inputs	12-48V AC/DC, input current each input 5mA at 24V

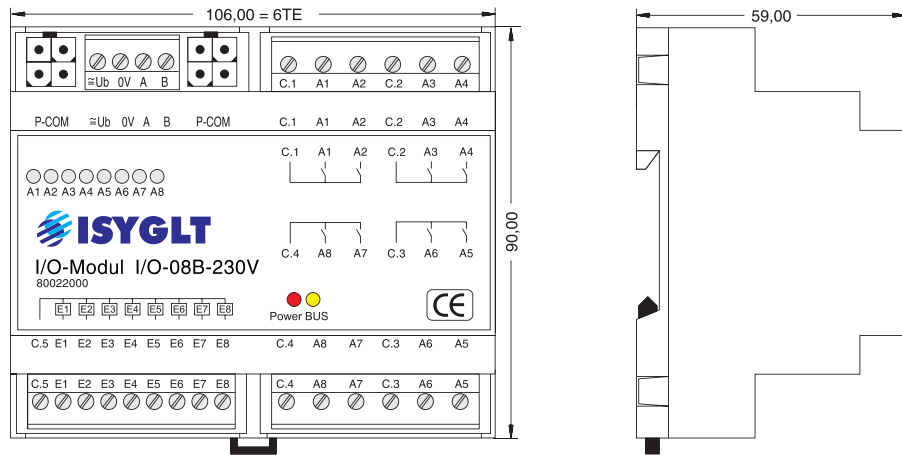
Technical data

I/O-08B-230V-10A	Continued
Outputs	non-inductive 10A bulbs 10A flourescent lamp non compensated 6A flourescent lamp compensated 4A LV-halogen via Trafo 10A 1-phase-motor 0,55kW Electronic ballast's manufacturer-specific starting current 100A < 20ms !! The starting current of electronic ballasts is upt to 100 times to nominal current !!
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	BxHxT 106x90x59mm (6 separating units)
Weight	410g
Connection	Screw terminals 2,5mm ² , Inputs and BUS plug-in, BUS-Connector
Operating voltage	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection class	IP30
ESD immunity	Category 3 according to IEC-1000-4-2
EMC immunity	Use in typical industrial enviroment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE mark	yes

Terminal assignment

≡ Ub	Operating voltage	C.1	Common f. A1/A2	C.5	Common f. E1-E8
0V	Operating voltage	A1	Output 1	E1	Input 1
A	Subnet (BUS A, RS-485)	A2	Output 2	E2	Input 2
B	Subnet (BUS B, RS-485)	C.2	Common f. A3/A4	E3	Input 3
		A3	Output 3	E4	Input 4
		A4	Output 4	E5	Input 5
		C.3	Common f. A5/A6	E6	Input 6
		A5	Output 5	E7	Input 7
		A6	Output 6	E8	Input 8
		C.4	Common f. A7/A8		
		A7	Output 7		
		A8	Output 8		

View



Wiring diagram

