



I/O-Modul I/O-08B-24V-2A

General

The I/O-Modul I/O-08B-24V module allows you to connect 8 circuits with up to 24V/2A. There are 8 optical coupler inputs 12-48V (4 inputs each on a

common counter potential). The functions of all the inputs and outputs can be freely programmed using the software.

In- / Outputs

- 8 relay outputs, each 24V/2A
- 8 optical coupler inputs

Function displays

- 1 red LED indicates the operating voltage
- 1 yellow flashing LED indicates the communication with the Master.
- 8 green LED indicates the output states

Connections

- 1 connections for the subnet (BUS A and B, RS-485)
- 1 connections for the operating voltage (Ub, 0V)
- 8 outputs (2 outputs each on a common root)
- 8 inputs (4 inputs each on a common root)
- 2 P-COM connectors (Subnet and operating voltage)

Design

- Light grey plastic casing, can be snapped onto 35 mm DIN rail mounting 4 separating units

Special function DIP switch 1 = emergency mode

- Switch „off“ = BUS operation
- Switch „on“ = emergency mode (8x impulse switch function: input E1 switches output A1, input E2 switches output A2 and so on)

Technical data

Type	I/O-08B-24V-2A
Art. Nr.	80021000
Operating voltage	12V bis 35V DC bzw. 12V bis 27V AC
Input current	12V DC = 180mA, 24V DC = 80mA, 35V DC = 55mA 12V AC = 105mA, 24V AC = 70mA, 27V AC = 65mA
Inputs	12-48V AC/DC, Input current per Input 5mA at 24V
Outputs	max. 48V/2A per output
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	BxHxT 71x90x59mm (4 separating units)
Weight	179g
Connection	Screw terminals 1,5mm, plug-in
Operating voltage	-10...+50°C

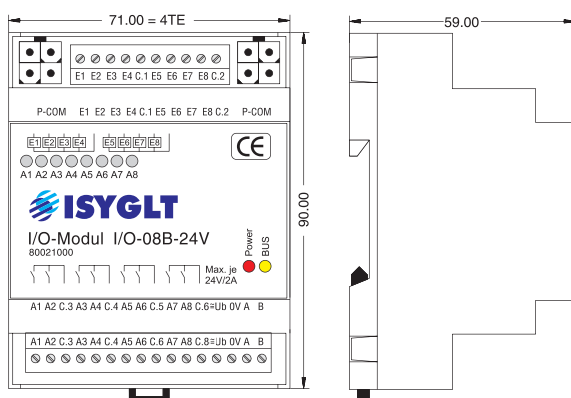
Technical data

I/O-08B-24V-2A	Continued
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

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

View



Wiring diagram

