

I/O-08T-24V

General

The I/O-08T-24V I/O touch pad module allows you to connect 8 buttons and 8 signal lamps to the ISYGLT BUS system. There are 8 relay outputs of max.

48V/300mA available, each on a common counter potential. The functions of all the inputs and outputs can be freely programmed using the software.

Inputs / Outputs

- 8 relay outputs 24V/300mA
- 8 optical coupler inputs

Function displays

- 1 red LED indicates the operating voltage
- 1 yellow flashing LED signalise the communication with the master via subnet

Connections

- 2 connections for the subnet (BUS A and B, RS-485)
- 2 connections for the operating voltage (Ub, 0V)
- 1 6-pole connector for flatcable wiring (subnet and operating voltage)
- 8 outputs (on a common connection)
- 8 inputs (on a common reference terminal)

Design

- circuit board without casing, can be snapped onto 35 mm DIN rail

Special function DIP switch 1

- reserve

Technical data

Type	I/O-08T-24V
Art. Nr.	80021100
Operating voltage	12V to 35V DC or 12V to 27V AC
Power consumption	12V DC = 180mA, 24V DC = 80mA, 35V DC = 55mA 12V AC = 105mA, 24V AC = 70mA, 27V AC = 65mA (all relays are activated)
Inputs	24V AC/DC, input current per input 5mA at 24V; U _e max. 48V
Outputs	max. 48V/300mA per output
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	LxBxH 100x70x30mm
Weight	90g
Connection	Screw terminals 1,0mm ² , or pole connector for flat cable
Operating voltage	-10...+50°C

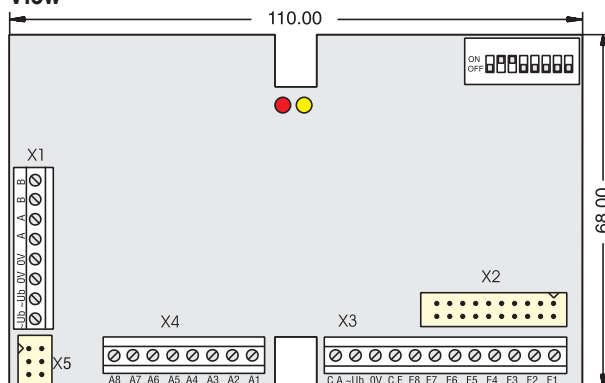
Technical data

I/O-08T-24V	Continued
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection class	IP00
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

	X1	X2	X3	X4	X5
1	≅ Ub	free	Input 1	Output 1	≅ Ub
2	≅ Ub	Common Outputs	Input 2	Output 2	≅ Ub
3	0V	Input 1	Input 3	Output 3	0V
4	0V	Output 1	Input 4	Output 4	0V
5	Subnet (BUS A, RS-485)	Input 2	Input 5	Output 5	BUS A
6	Subnet (BUS A, RS-485)	Output 2	Input 6	Output 6	BUS B
7	Subnet (BUS B, RS-485)	Input 3	Input 7	Output 7	
8	Subnet (BUS B, RS-485)	Output 3	Input 8	Output 8	
9		Input 4	Common Inputs		
10		Output 4	0V		
11		Input 5	+Ub - 1V		
12		Output 5	Common Outputs		
13		Input 6			
14		Output 6			
15		Input 7			
16		Output 7			
17		Input 8			
18		Output 8			
19		0V			
20		+Ub -1V			

View



Wiring diagram

