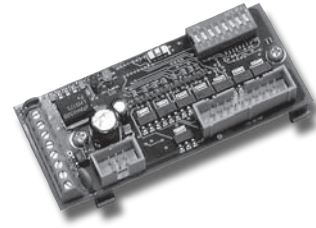


I/O-08T-PNP

General

The I/O-08T-PNP touch pad module allows you to connect 8 buttons and 8 signal lamps to the ISYGLT BUS system. There are 8 short circuit resistant PNP transistor outputs and 8 optical coupler inputs 12-48V (each on common counter potential) available. The functions of all the inputs and outputs can be freely programmed using the programm.



Inputs / Outputs

- 8 transistor outputs PNP, each 24V/50mA +Ub switching
- 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

- 1 connection for the subnet (BUS A and B, RS-485)
- 1 connection for the operating voltage (Ub, 0V)
- 1 6-pol. pole connector for flatcalbe wiring (subnet and operating voltage)
- 8 outputs
- 8 inputs (each on a common connection)

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-PNP
Art.-Nr.	80021150
Operating voltage	12V to 35V DC or 12V to 27V AC
Power consumption	12V DC = 25mA, 24V DC = 25mA, 35V DC = 25mA / 12V AC = 30mA, 24V AC = 30mA, 27V AC = 30mA
Inputs	24V DC, (floating contact) input current per input 5mA at 24V
Outputs	PNP transistor max. 50mA per output (+Ub -1V)
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	LxBxH 90x40x30mm

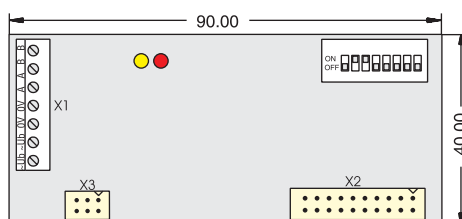
Technical data

I/O-08T-PNP	Continued
Weight	70g
Connection	Screw terminals 1,0mm ² , or pole connector for flatcable
Operating voltage	-10...+50°C
Storage temperature	-25...+70°C
Humidity	0 ...85 % r.F. non condensing
Protection class	IP00
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
1	≅ Ub			
2	≅ Ub	+Ub -1V		+Ub
3	0V Operating voltage	Input	1	+Ub
4	0V Operating voltage	Output	1	0V
5	Subnet (BUS A, RS-485)	Input	2	0V
6	Subnet (BUS A, RS-485)	Output	2	BUS A
7	Subnet (BUS B, RS-485)	Input	3	BUS B
8	Subnet (BUS B, RS-485)	Output	3	
9		Input	4	
10		Output	4	
11		Input	5	
12		Output	5	
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

