

IN-02U-S4

General

The UP-IN modul serves to connect conventional push-buttons and switches to the subnet. The module can transfer 4 commands to the BUS system. The connection of the buttons/ switches is achieved by wires. The difference to the standard IN-02U modul is the possibility of the SUB address administration.



In- / Outputs

- 2 optical coupler inputs

Function displays

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

Connections

- 1 connection for the subnet (BUS A and B, RS-485)
- 1 connection for the operating voltage (Ub, 0V)
- 2 inputs (wires)

Design

- encapsulated in a plastic yellow cover for installation in conventional flush mounted boxes or external devices

Special function DIP switch 1

- reserve
- switch OFF

Special function DIP switch 9 and 10

In each case 4 modules divide an „modul adress“. The DIP switches 9 and 10 serves to set the SUB adress.

These are to be adjusted as follows:

SUB adress	DIP-9	DIP-10	represents the input n in the program	
0	0	0	E**.1	E**.2
1	0	1	E**.3	E**.4
2	1	0	E**.5	E**.6
3	1	1	E**.7	E**.8

Technical data

Type	IN-02U-S4
Art. Nr.	80024024
Operating voltage	12-35V DC or 12-27V AC
Current consumption	5mA bei 24V DC
Inputs	12-30V DC 5mA (floating contact) via optical coupler (4,7kOhm)
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimension	DxH 50x18mm
Weight	ca. 90g
Connection	Screw terminals 2,5mm ² for BUS, massive wires 0,8mm for inputs
Operating voltage	-10... +50°C
Storage temperature	-25... +70°C
Humidity	0...85 % r.F. non condensing
Protection class	IP 20
ESD immunity	Category 2 according to IEC 1000-4-2
EMC immunity	Use in typical industrial environment. Category 3 according to IEC-1000-4-4 (Test was carried out within a whole system)
CE mark	yes

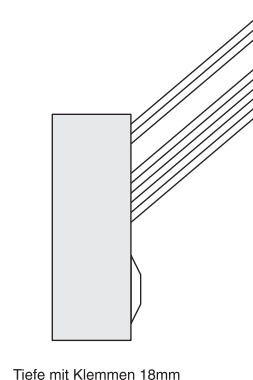
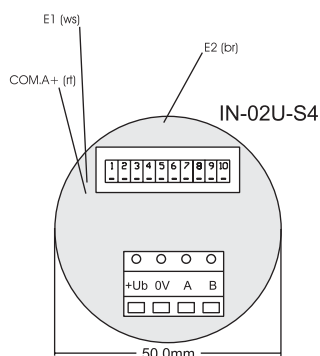
Terminal assignment

\equiv Ub	Operating voltage
0V	Operating voltage
A	Subnet (BUS A, RS-485)
B	Subnet (BUS B, RS-485)

Wire colour designation

white	input 1
brown	input 2
red	COM.A (+Ub -1V)

View



Tiefe mit Klemmen 18mm