

IN-04U

General

The UP-IN module connects 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.



In- / Outputs

- 4 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 für the operating voltage (Ub, 0V)
- 4 inputs

Design

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

Special function DIP switch 1

- baudrate
 - switch OFF data transmission rate 38400 Baud
 - switch ON data transmission rate 9600 Baud

Technical data

Type	IN-04U
Art. Nr.	80024040
Operating voltage	12 - 27V DC
Current consumption	20mA
Inputs	12-30V DC 5mA (floating contact) via optical coupler (4,7kOhm)
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	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

Technical data

IN-04U	Continued
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

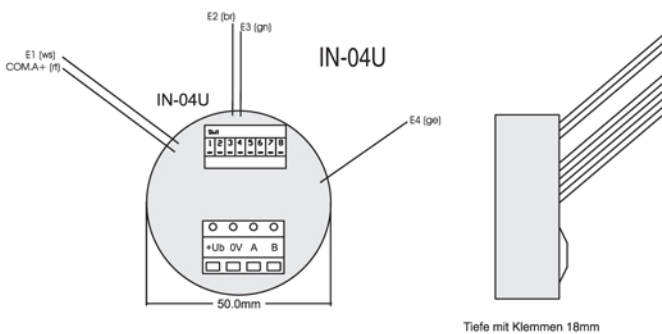
Terminal assignment

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

Wire colour designation

white	input 1
brown	input 2
green	input 3
yellow	input 4
red	COM.A (+Ub -1V)

View



Wiring diagram

