

IN-02UC

General

The Under-Plaste IN module serves to connect conventional push-buttons and switches to the subnet.

With this module, in very compact design, 2 commands can be transferred to the BUS system. The connection of the buttons/switches is achieved by pre-adapted wires.



Inputs / Outputs

- 2 Digital inputs

Function displays

- 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 must not be elongated.)

Design

- Encapsulated in a plastic black cover for installation in conventional under-plaster 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-02UC
Art. Nr.	80024022
Operating voltage	12 - 27V DC
Current consumption	15mA
Inputs	floating contact max. circuit length 20cm!
Subnet (RS-485)	max. 5,6V limited by Z-diodes
Dimensions	LxBxH 28x28x18mm
Weight	ca. 90g
Connection	Screw terminals 2,5mm ² für 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-02UC	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

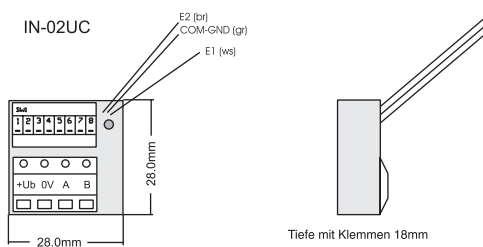
Terminal assignment

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

Wires colour designation

white	input 1
brown	input 2
grey	COM (GND)

View



Wiring diagram

