

The device has four channels which can either be parameterised as inputs or outputs by selecting the application in the ETS2 program.

Using the colour-coded connecting cables, it is possible to connect conventional push buttons, floating contacts or light-emitting diodes.

The scanning voltage for the contacts and the supply voltage for the LEDs are made available by the device.

Series resistors for external LEDs are integrated in the device.

The universal interface is inserted in a conventional 60 mm combined wall and joint box.

The bus connection is carried out via the bus connecting terminal supplied.

Technical Data

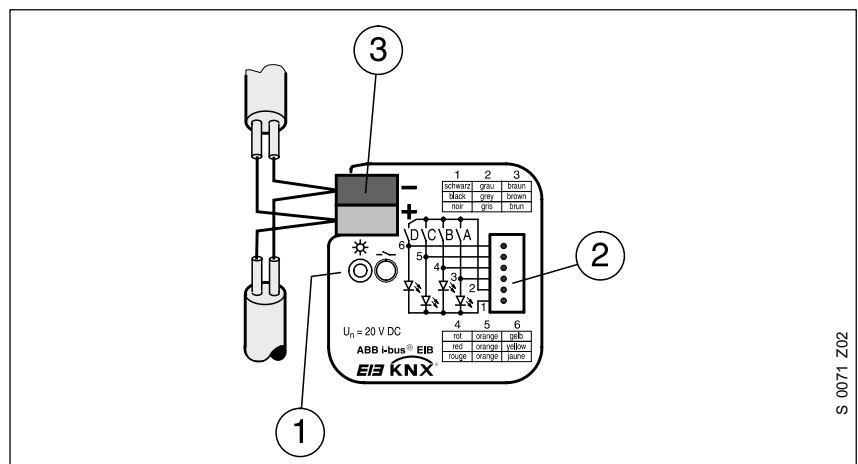
| | | |
|---------------------------------------|--|---|
| Power supply | – EIB | 24 V DC, via the bus line Power consumption < approx. 10 mA |
| Inputs/outputs | – Number | 2, can be parameterised as inputs or outputs (depending on the application) |
| Input | – Permitted cable length | ≤ 10 m |
| | – Scanning voltage | 20 V DC |
| Output | – Input current | 0.5 mA |
| | – Supply voltage | 5 V DC |
| | – Output current | max. 2 mA, limited via 1.5 kΩ series resistor |
| | – Safety | short-circuit-proof, overload protection, reverse voltage protection |
| Operating and display elements | – Red LED and push button | for assigning the physical address |
| Connections | – Inputs/outputs | 4 cables of approx. 30 cm in length can be extended to max. 10 m |
| | – EIB | Bus connecting terminal included with supply |
| Type of protection | – IP 20, EN 60 529 when installed | |
| Protection class | – III | |
| Ambient temperature range | – Operation | - 5 °C ... 45 °C |
| | – Storage | - 25 °C ... 55 °C |
| | – Transport | - 25 °C ... 70 °C |
| Dimensions | – 39 x 40 x 12 mm (H x W x D) | |
| Weight | – 0.05 kg | |
| Certification | – EIB-certified | |
| CE norm | – in accordance with the EMC guideline and the low voltage guideline | |

| Application programs | Number of communication objects | Max. number of group addresses | Max. number of associations |
|--------------------------------|---------------------------------|--------------------------------|-----------------------------|
| Binary Input Display Heat 2f/1 | 15 | 254 | 254 |

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Circuit diagram



- 1 Programming LED/push button
- 3 Bus terminal

- 2 Inputs/outputs

Note

Please note that you can only program the universal interface using ETS2 from version 1.2 onwards.

The grey wire forms a common reference potential for the connected push button or switch contacts.

The black wire forms a common reference potential for the LEDs.

Wires that are not required should be insulated.

Further detailed information about the installation, programming and application can be found in the “Product manual for US/U 2.2 and US/U 4.2”.