

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

Using the colour-coded connecting cables, it is possible to connect conventional push buttons, potential-free contacts or LEDs.

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

Series resistors for external LEDs are integrated in the device.

The universal interface is inserted in a flush-mounted combined wall and joint box, 60 mm.

Connection via bus connection terminal supplied.

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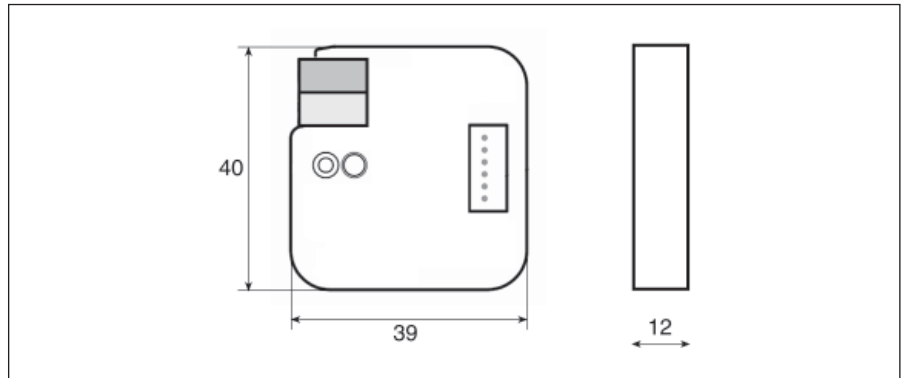
Technical Data

Power supply	– KNX	24 V DC, via the bus line Power consumption < approx. 10 mA
Inputs/outputs	– Number	4, 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	3 to 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	6 cables of approx. 30 cm in length can be extended to max. 10 m
	– KNX	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	– KNX-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 4f/1	29	254	254

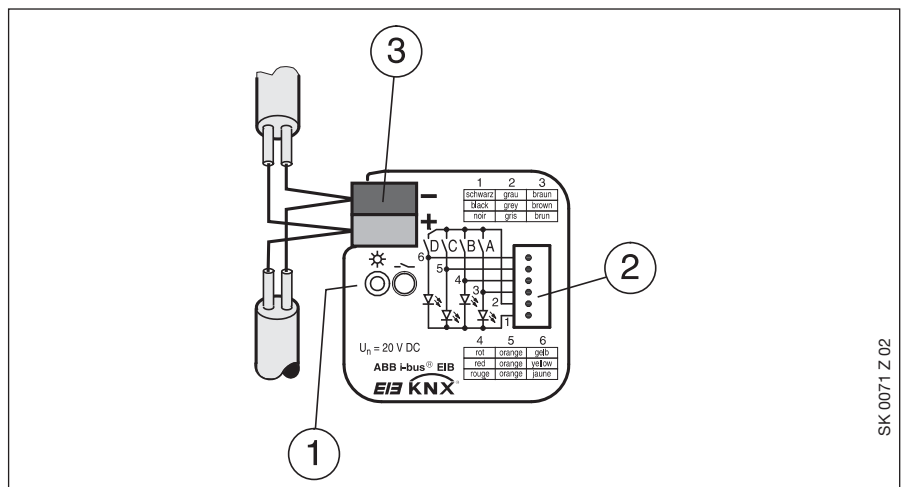
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Dimension drawing



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Wiring diagram



1 Programming LED/push button
3 Bus terminal

2 Inputs/outputs

Note

Please note that programming requires ETS2 V1.2 a or higher.

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 is given in the "Product manual".