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The device has 2 channels which can be parameterised as inputs or outputs by selecting the application ETS2 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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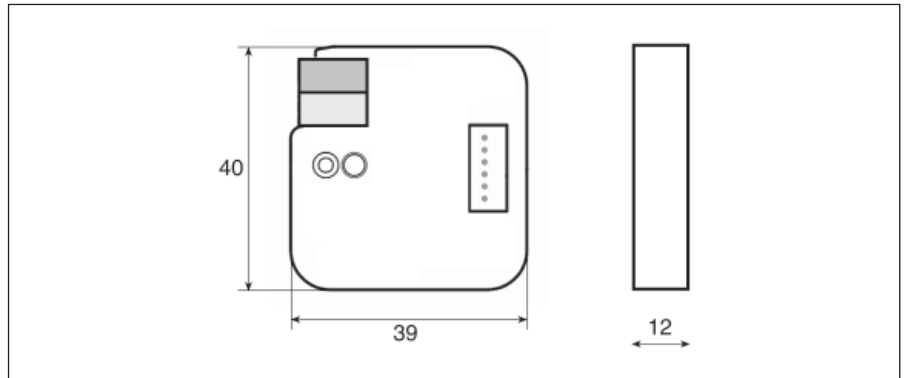
**Technical Data**

<b>Power supply</b>	– KNX	24 V DC, via the bus line Power consumption < approx. 10 mA
<b>Inputs/outputs</b>	– Number	2, can be parameterised as inputs or outputs (depending on the application)
<b>Input</b>	– Permitted cable length	≤ 10 m
	– Scanning voltage	20 V DC
<b>Output</b>	– Input current	0.5 mA
	– Supply voltage	3 to 5 V DC
<b>Operating and display elements</b>	– Output current	max. 2 mA, limited via 1.5 kΩ series resistor
	– Safety	short-circuit-proof, overload protection, reverse voltage protection
<b>Connections</b>	– Red LED and push button	for assigning the physical address
<b>Type of protection</b>	– Inputs/outputs	4 cables of approx. 30 cm in length can be extended to max. 10 m
	– KNX	Bus connecting terminal included with supply
<b>Protection class</b>	– IP 20, EN 60 529 when installed	
<b>Ambient temperature range</b>	– III	
	– Operation	– 5 °C ... 45 °C
	– Storage	– 25 °C ... 55 °C
<b>Dimensions</b>	– Transport	– 25 °C ... 70 °C
	– 39 x 40 x 12 mm (H x W x D)	
<b>Weight</b>	– 0.05 kg	
<b>Certification</b>	– KNX-certified	
<b>CE norm</b>	– 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

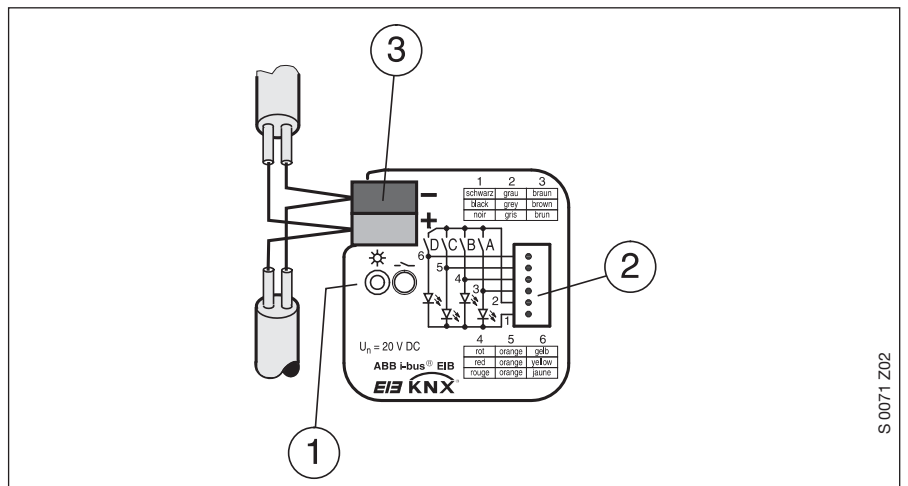
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Dimension drawing



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Wiring diagram



1 Programming LED/push button  
3 Bus terminal

2 Inputs/outputs

Note

Please note that programming requires ETS2 V1.2a 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".