

The Fault Monitoring Unit SMB/S 1.1 can detect information, such as, e.g. fault messages from an EIB / KNX system and uses them to generate the control signals for optical and acoustic signals conform to DIN 19235.

### Technical Data

<b>Power supply</b>	<ul style="list-style-type: none"> <li>– Operating voltage</li> <li>– Current consumption</li> <li>– Power consumption</li> <li>– Leakage loss</li> </ul>	21...30 V DC, made available by the bus typ. 10 mA 250 mW Max. 250 mW
<b>Connections</b>	– EIB / KNX	Bus connection terminal
<b>Operating and display elements</b>	– Red LED and button	for assignment of the physical address
<b>Enclosure</b>	– IP 20	to DIN EN 60 529
<b>Safety class</b>	– II	to DIN EN 61 140
<b>Isolation category</b>	<ul style="list-style-type: none"> <li>– Overvoltage category</li> <li>– Pollution degree</li> </ul>	III to DIN EN 60 664-1 2 to DIN EN 60 664-1
<b>EIB / KNX safety extra low voltage</b>	– SELV 24 V DC	
<b>Temperature range</b>	<ul style="list-style-type: none"> <li>– Operation</li> <li>– Storage</li> <li>– Transport</li> </ul>	<ul style="list-style-type: none"> <li>– 5 °C ... + 45 °C</li> <li>– 25 °C ... + 55 °C</li> <li>– 25 °C ... + 70 °C</li> </ul>
<b>Environment conditions</b>	– max. humidity	93 %, without bedewing
<b>Design</b>	<ul style="list-style-type: none"> <li>– Modular installation device (REG)</li> <li>– Dimensions</li> <li>– Module width</li> <li>– Mounting depth</li> </ul>	Modular installation device, ProM 90 x 36 x 64.5 mm (H x W x D) 2 modules at 18 mm 64.5 mm
<b>Installation</b>	– On 35 mm mounting rail	to DIN EN 60 715
<b>Mounting position</b>	– as required	
<b>Weight</b>	– 0.1 kg	
<b>Housing, colour</b>	– Plastic housing, grey	
<b>Approvals</b>	– EIB / KNX to EN 50 090-1, -2	
<b>CE mark</b>	– in accordance with the EMC guideline and low-voltage guideline	

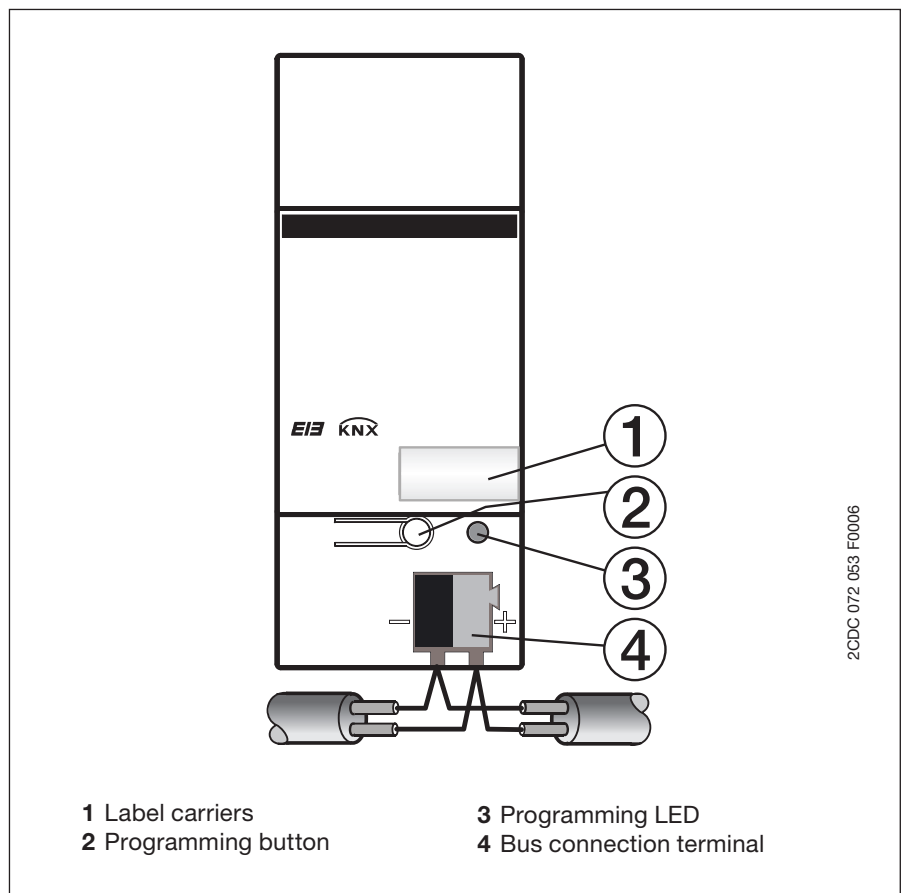
Application program	Max. number of communication objects	Max. number of group addresses	Max. number of associations
Fault signal / 1	254	254	255

**Note**

The programming requires EIB Software Tool ETS2 V1.1.3a or higher. If ETS3 is used a “.VD3” type file must be imported. The application program is available in the ETS2 / ETS3 at ABB/Security and monitoring / Controller.

Detailed information about the application can be found in the product-manuals for the “Fault Monitoring Unit, SMB/S 1.1”. This manual can be free downloaded under [www.ABB.de/EIB](http://www.ABB.de/EIB).

**Circuit diagram**



**Dimension drawing**

