



The Security Module SCM/S 1.1 is an EIB/KNX device for DIN rail mounting with a width of 2 modules. It is used in EIB/KNX installations to control security functions as a central logic device.

The Security Module evaluates detectors of any type (e.g. movement detector, window and door contacts) and links them to a security and monitoring system. It further controls the alarm and setting/unsetting logic.

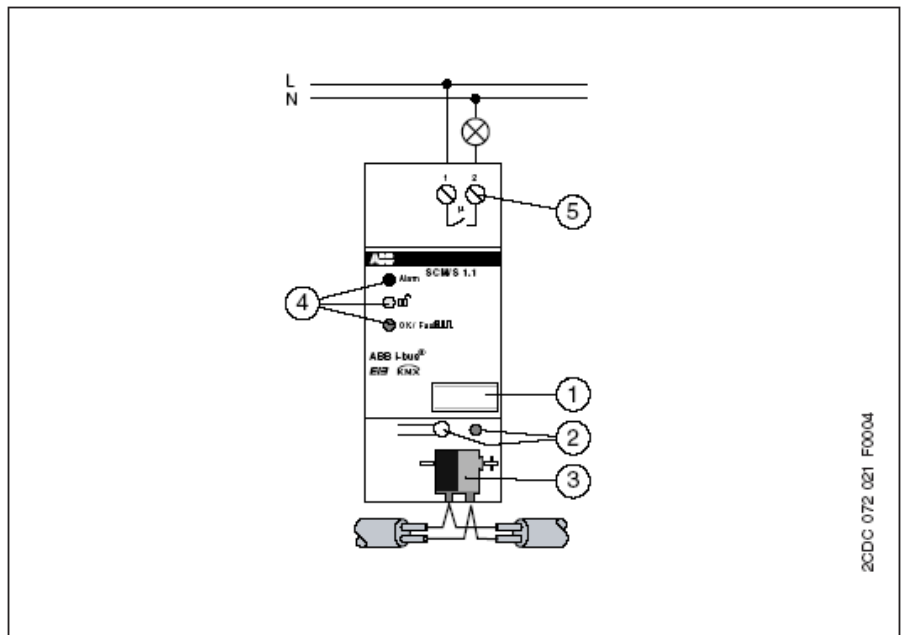
The area of application covers small to medium-sized installations, e.g. private homes, administration buildings and industrial premises.

The device has three LEDs to display the operating state as well as a freely controllable relay output to which e.g. a signalling device can be connected. Moreover, the device has a freely controllable internal buzzer.

**Technical Data**

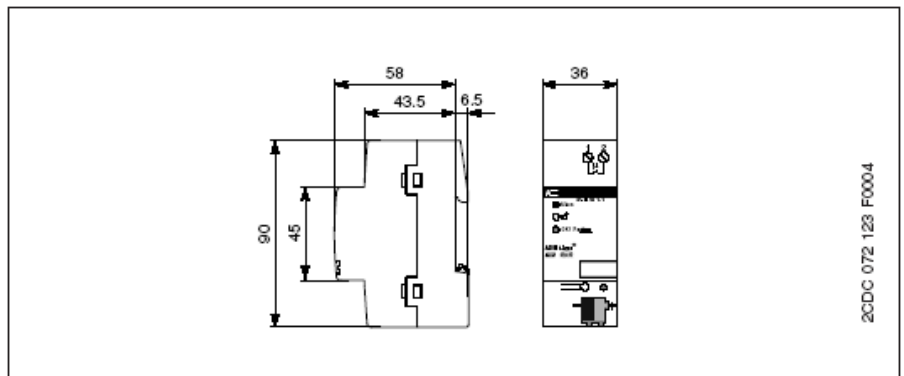
<b>Power supply:</b>	– Operating voltage	21 ... 30 V DC, via the EIB	
	– Power consumption	< 8 mA at 29 V DC	
<b>Outputs:</b>	– 1 floating relay contact	Switching voltage: 0...230 V AC/DC Switching current: 6 A, AC1 freely programmable	
	<b>Operating and display elements:</b>		
	– Red LED and push button	For assignment of the physical address	
	– Red LED	- LED on: Alarm is triggered - LED off: No alarm	
	– Yellow LED	- LED on: System is unset - LED off: System is set	
	– Green LED	- LED on: Ready for operation - LED flashes: Fault - LED off: No operation	
<b>Connections:</b>	– Floating output	2 screw terminals Wire range: finely stranded: 0.2 – 2.5 mm <sup>2</sup> single-core: 0.2 – 4 mm <sup>2</sup>	
	– EIB	Bus connection terminal, included with supply	
<b>Type of protection:</b>	– IP 20, EN 60 529		
<b>Ambient temperature range:</b>	– Operation	- 5 °C ... 45 °C	
	– Storage	-25 °C ... 55 °C	
	– Transport	-25 °C ... 70 °C	
<b>Design:</b>	– Type of installation	on 35 mm mounting rail, DIN EN 60715	
	– Mounting depth	2 modules at 18 mm	
	– Housing dimensions (HxWxD)	90 x 36 x 64 mm	
	– Mounting position	As required	
	– Weight	0.1 kg	
<b>Certification:</b>	– EIB- and KNX-certified		
<b>CE mark:</b>	– In accordance with the EMC guideline and low voltage guideline		
<b>Application program</b>	<b>Number of communication objects</b>	<b>Max. number of group addresses</b>	<b>Max. number of associations</b>
Security Slave/1	126	254	255

Circuit diagram



- |   |                                   |
|---|-----------------------------------|
| 1 Label                                   | 4 Status display (3 LEDs)         |
| 2 Programming LED with programming button | 5 Relay output (floating contact) |
| 3 Bus connection terminal                 |                                   |

Dimension drawing



Note

The programming is carried out with ETS from version ETS2 V1.2a or higher.

For programming the device with the help of the ETS3, the relevant VD3 file must be applied.

**Detailed information about the installation, programming and application can be found in the product manual for the Binary Input Modules BE/M.**

**This manual can be downloaded under [www.abb.de/eib](http://www.abb.de/eib).**