

The Contact Module is used to connect external signalling devices or the ABB i-bus EIB to the Busch-Rauchalarm® Home Smoke Detector.

The Contact Module has a transistor output and a contact output. Several Home Smoke Detectors can be networked with the transistor output. The contact output is a floating, normally open contact.

A maximum of 40 Home Smoke Detectors can be networked together via the Contact Module. If a Home Smoke Detector reports an alarm, a warning signal is emitted by all the connected devices. All the occupants of the house are thus reliably alerted to the danger.

If the detector is connected to the ABB i-bus® EIB via a Zone Terminal, bus telegrams can be triggered in the event of an alarm, whereby circuits can for example be disconnected or alarm signals can be issued via the telephone.

Technical Data

Supply	– Power supply	from the battery of the Home Smoke Detector
Contact output	– Type	floating contact
	– Switching voltage	max. 30 V
	– Switching current	max. 1 A
Transistor output	– For networking several Home Smoke Detectors	
Connections	– Home Smoke Detector	5-pole plug connector
	– Transistor output	2 screw terminals
	– Contact output	2 screw terminals
Ambient temperature range	– Operation	+ 5°C to + 40°C
	– Storage	+ 5°C to + 40°C
	– Transport	+ 5°C to + 40°C
Design	– Built-in board with components fitted	
Installation	– in housing of Home Smoke Detector	
Dimensions	– 32 x 55 x 15 mm (H x W x D)	
Weight	– 0.03 kg	

Networking several Home Smoke Detectors via the Contact Module

The Contact Modules can be linked together via screw terminals 3 and 4. A maximum of 40 Home Smoke Detectors can be networked in this way. If a smoke alarm is reported at one of the smoke detectors, an alarm tone is emitted at all the interconnected smoke detectors.

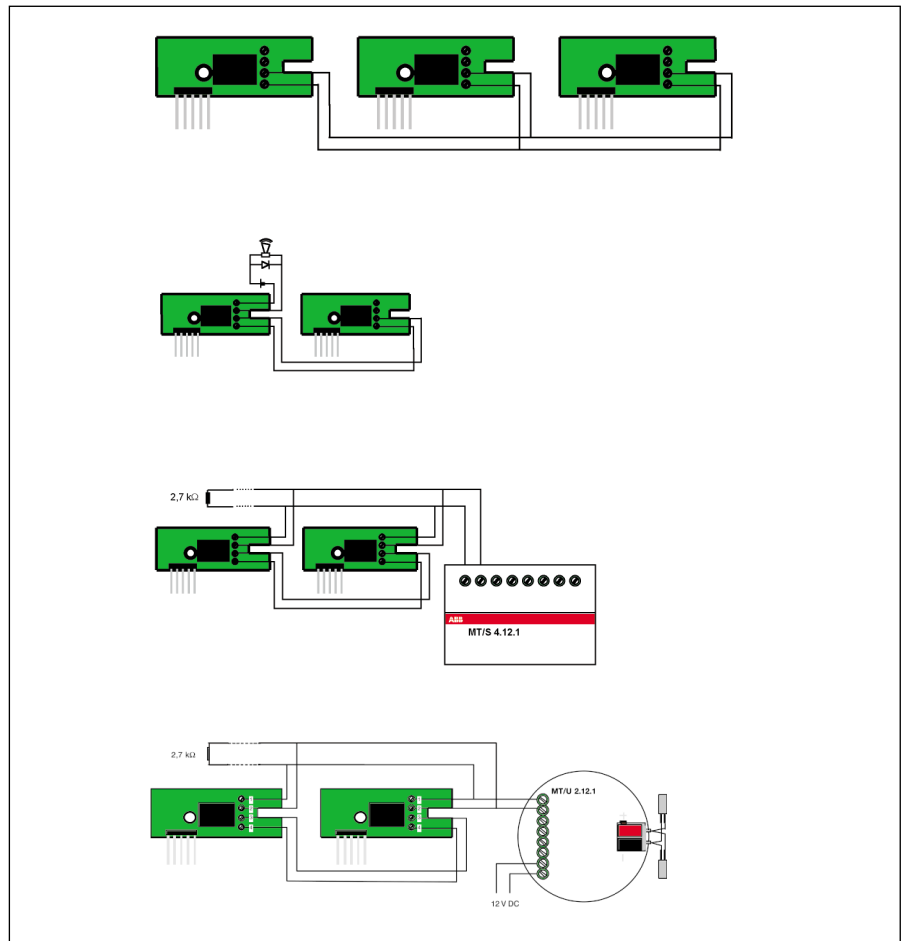
Connection to external signalling devices (e.g. siren or strobe light)

External signalling devices can be connected to screw terminals 1 and 2.

Connection to the ABB i-bus® EIB

The Contact Module can be connected to the ABB i-bus® EIB via screw terminals 1 and 2. The Zone Terminal MT/S 4.12 or MT/U 2.12.1 must be used for the connection. The Contact Module can also be connected to the ABB Intrusion Alarm Panel L208.

The L208 can be integrated into the ABB i-bus® EIB in combination with the EIB Interface. The modules can simultaneously remain networked via screw terminals 3 and 4, so that all the interconnected Home Smoke Detectors emit an alarm tone if an alarm is reported by a detector



Assembly

