



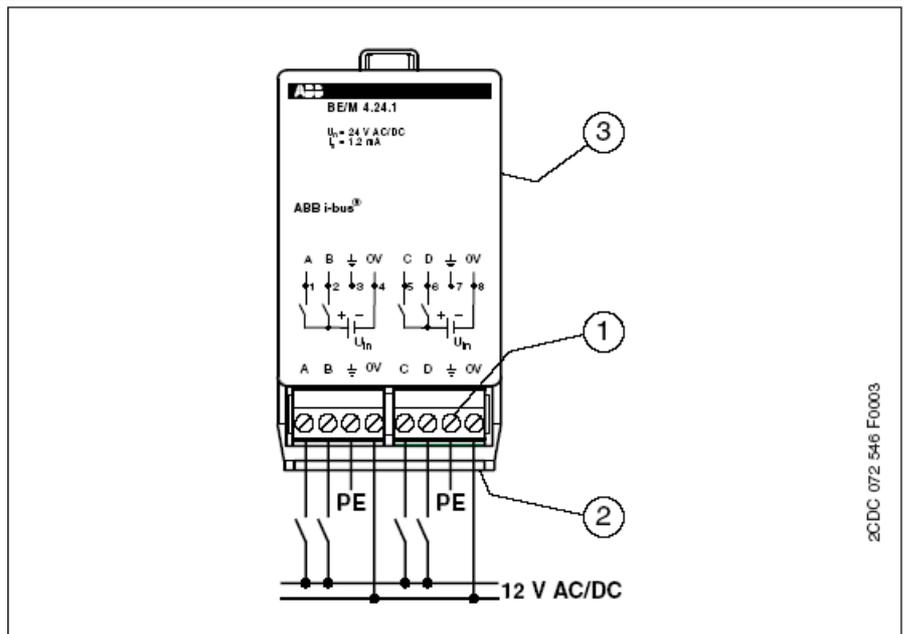
The 4-fold binary input module is operated in any slot in the Room-Controller Basis Device. It has four inputs for reading 12 V or 24 V contacts, such as conventional switches and buttons. The signal voltage must be provided externally and connected to the reference potential.

The internal supply is carried out via the Room Controller Basis Device. Contact is established automatically when the module is snapped in place.

Technical Data

Power supply:	– Internal supply	via the Room Controller Base Unit, contact made via contact system on base of module	
Inputs:	– Number	4	
	– Signal level	0 ... 4 V AC / DC for 0-signal 9 ... 30 V AC / DC for 1-signal	
Connections:	– Input current	max. 2 mA	
	– Signal cables (inputs)	2 x 4-pole screw terminals with plug-in connection	
	– Max. cable length	100 m	
	– Wire ranges	0.2...2.5 mm ² finely stranded 0.2...4.0 mm ² single-core	
Ambient temperature range:	– Storage	– 25 °C ... 55 °C	
	– Transport	– 25 °C ... 70 °C	
Design:	– Type of installation	For snapping into the Room Controller Basis Device	
	– Housing, colour	Plastic housing, anthracite, halogen-free	
	– Housing dimensions (W x H x D)	49 x 42 x 93	
	– Weight	0.06 kg	
CE norm:	– in accordance with the EMC guideline and low voltage guideline		
Application program	Number of communication objects	Max. number of group addresses	Max. number of associations
Room Controller modular, 8f/1	246	254	255

Circuit diagram



- 1 Inputs (plug in screw terminals)
- 2 Power inputs (mating surface)
- 3 Control lines (underside of the device)

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