ABB i-bus® EIB / KNX

Binary Input Module, 4-fold, contact scanning
BE/M 4.12.1, 2CDG 110 007 R0011

The 4-fold Binary Input Module is operated in any module slot of the Room Controller Base Unit. It has four inputs for reading out floating contacts such as conventional switches and push buttons. The device makes the pulsed scanning voltage (12 V) available.

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, ontact made via contact system on base of module
Inputs:	– Number	4
	– Scanning voltage	approx. 12 V (pulsed)
	– Scanning current	0.2 mA, approx. 160 mA for short periods when closing
Connections:	– 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 Base Unit
	– 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

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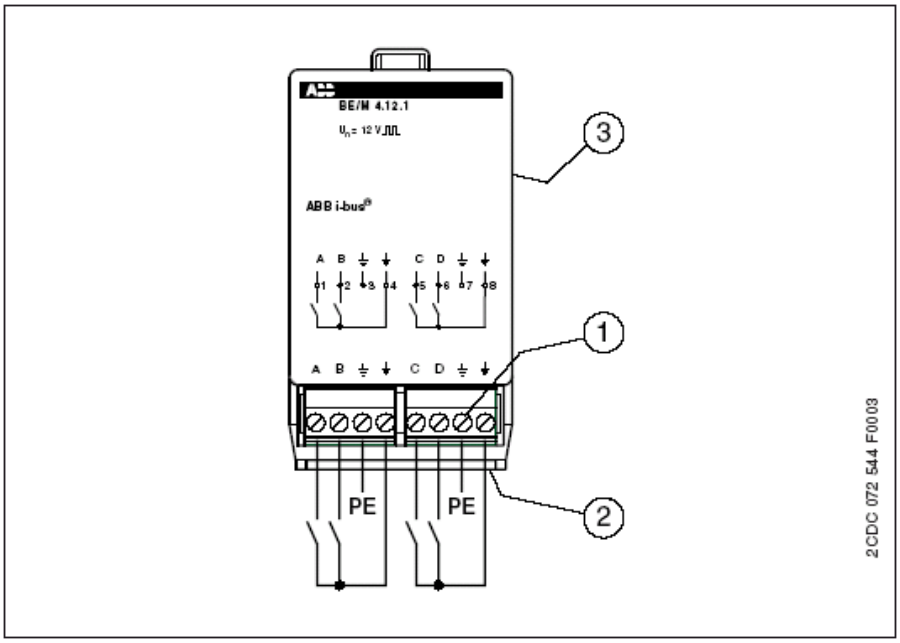
Circuit diagram



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