



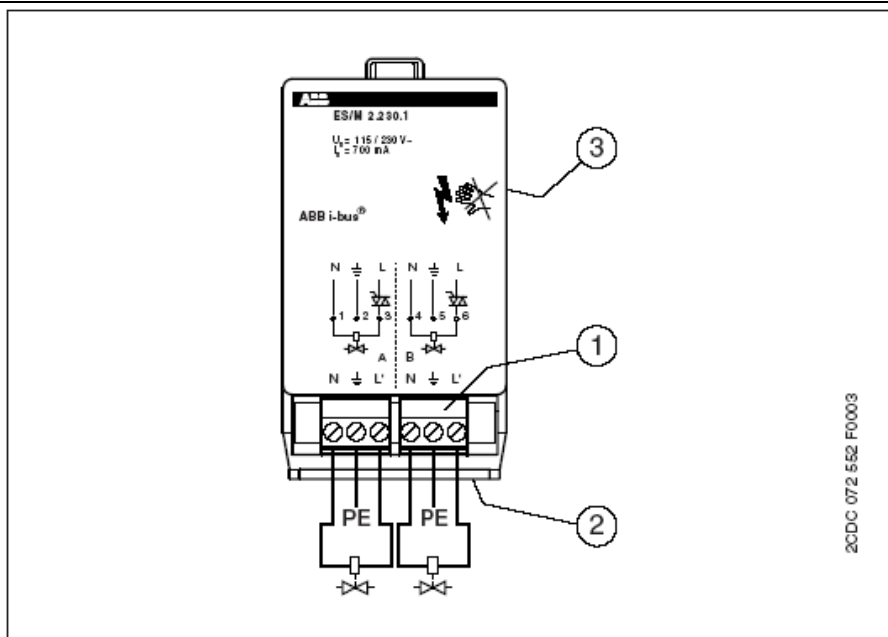
The 2-fold Electronic Switch Actuator Module is snapped into any module slot of the Room Controller Basis Device. Using two semiconductor outputs, it switches two resistive loads such as electrothermal valve drives for heating control. The outputs are noise-free and wear-resistant. The nominal switching voltage is 115 or 230 V.

Both the incoming supply and the internal voltage are supplied via the Room Controller Basis Device. Contact is automatically established when the modules are snapped in place.

Technical Data

Power supply / Incoming supply	– Internal supply	made available by the Room Controller Basis Device, contact made via contact system on base of module	
	– Incoming supply	90...264 V AC / DC, contact established via contact surfaces at the front	
Outputs	– 2 load circuits	Semiconductor outputs for resistive loads Inrush current: max. 1 A Continuous current: max. 700 mA	
Connections	– Load circuits	2 x three-pole, plug-in screw terminals	
	– 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 (WxHxD)	49 mm x 42 mm x 93 mm	
	– Weight	0.08 kg	
CE norm	– in accordance with the EMC guideline and the 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 Outputs (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 Switch Actuator Modules SA/M and ES/M. This manual can be downloaded under www.abb.de/eib