ABB i-bus® EIB / KNX

Switch Actuator Module, 2-fold, 6A
SA/M 2.6.1, 2CDG 110 002 R0011

The 2-fold Switch Actuator Module is operated in any module slot of the Room Controller Basis Device. Using relay contacts, it switches two independent groups of electrical loads such as fluorescent lamps. The outputs are distinguished by a high switching current.
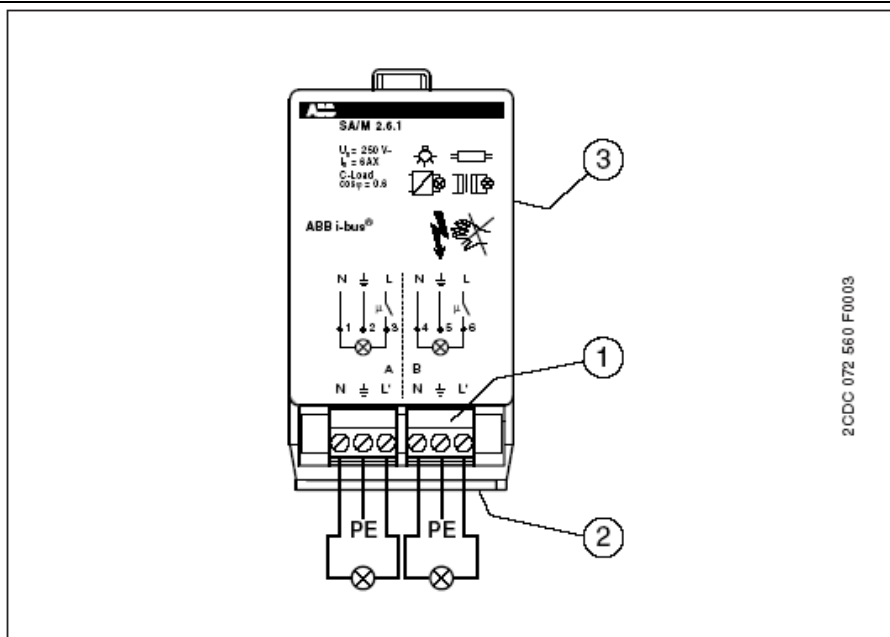
Both the incoming supply and the internal voltage are supplied via the Room Controller Basis Device. Contact is automatically established when the modules are snapped in place.

Technical Data

Power supply / Incoming supply	– Operating voltage	made available by the Room Controller Basis Device, contact made via contact system on base of module
	– Incoming supply	0...264 V AC, contact established via contact surfaces at the front
Outputs	– 2 load circuits	Relay outputs Max. switching current: 16 A / AC1, 10 A / AC3 Max. continuous current: 6 A Max. inrush peak current I_p: 400 A (150 µs), 320 A (250 µs)
	– Contact endurance	10^7 mechanical 10^5 electrical (at 230 V / 16 A / AC1)
Connections	– Load circuits	2 x three-pole, plug-in screw terminals
	– Wire ranges	0.2…2.5 mm^2 finely stranded 0.2…40 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	0.1 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

2CDC 072 560 F0003

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.
This manual can be downloaded under www.abb.de/eib**