SIEMENS

SPCA210

2-Door Expander

Expander with 2 reader interfaces, door control inputs and outputs

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- **2 reader interfaces (Wiegand or Clock/Data)**
- **4 inputs/2 outputs**
- **Standalone capability**
- **Full configuration and control via X-Bus**

Universal reader support: The Wiegand or Clock/Data interface with automatic protocol detection supports a large range of readers. The readers can be configured as entry/exit readers on one door or just entry reader on 2 doors.

Full supervision: One door position switch (input), one door release switch (input) and one door lock (output) can be connected to the expander per door. If only one entry door is configured on the expander, the unused inputs/outputs are freely programmable to safe system resources.

Standalone operation: The door controller offers standalone capability of up to 512 priority card holders in case of communication loss to the control panel

Easy configuration and maintenance: All the module functions are configurable via the control panel. The expander features an X-BUS status LED and on-board buzzer for quick device identification after installation and extensive self-diagnostic capabilities.

Building Technologies

Fire Safety & Security Products

Technical data

SPCA210

Functional Data	
Number of on-board zones	4, for door release switch (DRS) and door position switch (DPS), or freely programmable
EOL resistors	Dual 4k7 (default), other resistor combinations configurable
Number of on-board relays	2, for door locks or freely programmable (single-pole changeover, 30 V DC / max. 1 A resistive switching current)
LED indicators	4 outputs (1 void and 1 valid per reader)
Number of card readers	2
Card technology	EM4102 / SiPass, Wiegand (26-bits, 37 bits), HID Corporate 1000, Mifare Classic 1K, Cotag, DESfire (CSN)
Memory	Standalone capacity for up to 512 priority card holders.
Interfaces	X-BUS (in, out, branch), Reader 1, Reader 2
Power Data	
Operating voltage	9.5 ~ 14 V DC
Operating current	Max. 80 mA at 12 V DC (all relays activated)
Quiescent current	Max. 45 mA at 12 V DC
Mechanical Data	
Tamper contact	Front spring tamper
Operating temperature	-10° ~ +50 °C
Housing	Plastic housing (ABS)
Colour	RAL 9003 (signal white)
Dimensions	200 x 153 x 47 mm (housing), 150 x 82 x 20 mm (PCB)
Weight	0.360 kg

Ordering data

S54547-A101-A100   SPCA210.100 2-Door Expander

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