

Product information

Electrical Control Panel type SP-200

- Please take notice about the content of this manual!
- To avoid damage and injury!
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Product description
 The electrical control panel SP-200 is a compact device in a plastic housing. It contains switch mode power supply, emergency current supply and control unit for the operation of smoke vent systems. The lines for emergency button, smoke detector, contact fire alarm system and actuators are monitored.

By manual (emergency button) or automatic (smoke detector, fire alarm) set off the actuators open the smoke and heat exhaust vent openings in the facade or in the roof.

Please retain this manual for later use (maintenance...)



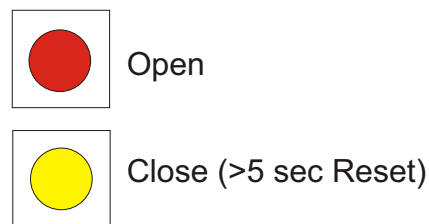
| Technical data SP-200 | |
|-------------------------------------------------|----------------------------------|
| Input voltage: | 230 VAC / 50 Hz |
| Max. fuse: | ≤ C 16 A |
| Output voltage: | 24 VDC |
| Maximal load current: | 2,5 A (short-time rating 3 min.) |
| Backup batteries: | NiCad-battery 24 V / 0,7 Ah |
| Durability: | approx. 4 years |
| Ingress protection: | IP 54 |
| Housing: | plastic housing, grey |
| Dimension (W x H x D): | 220 x 145 x 55 mm |
| Weight: | ca. 1,0 kg |
| Fuses: | Mains input fuse (1 A slow) |
| Display (in the emergency button, type HE 077): | Mains, OK, Alarm |
| Operating temperature: | - 5° up to + 40° C |

The connection of the control panel has to be without mains 230V!
 Connect external devices, as well as inserted auxiliary modules according to connection diagram!

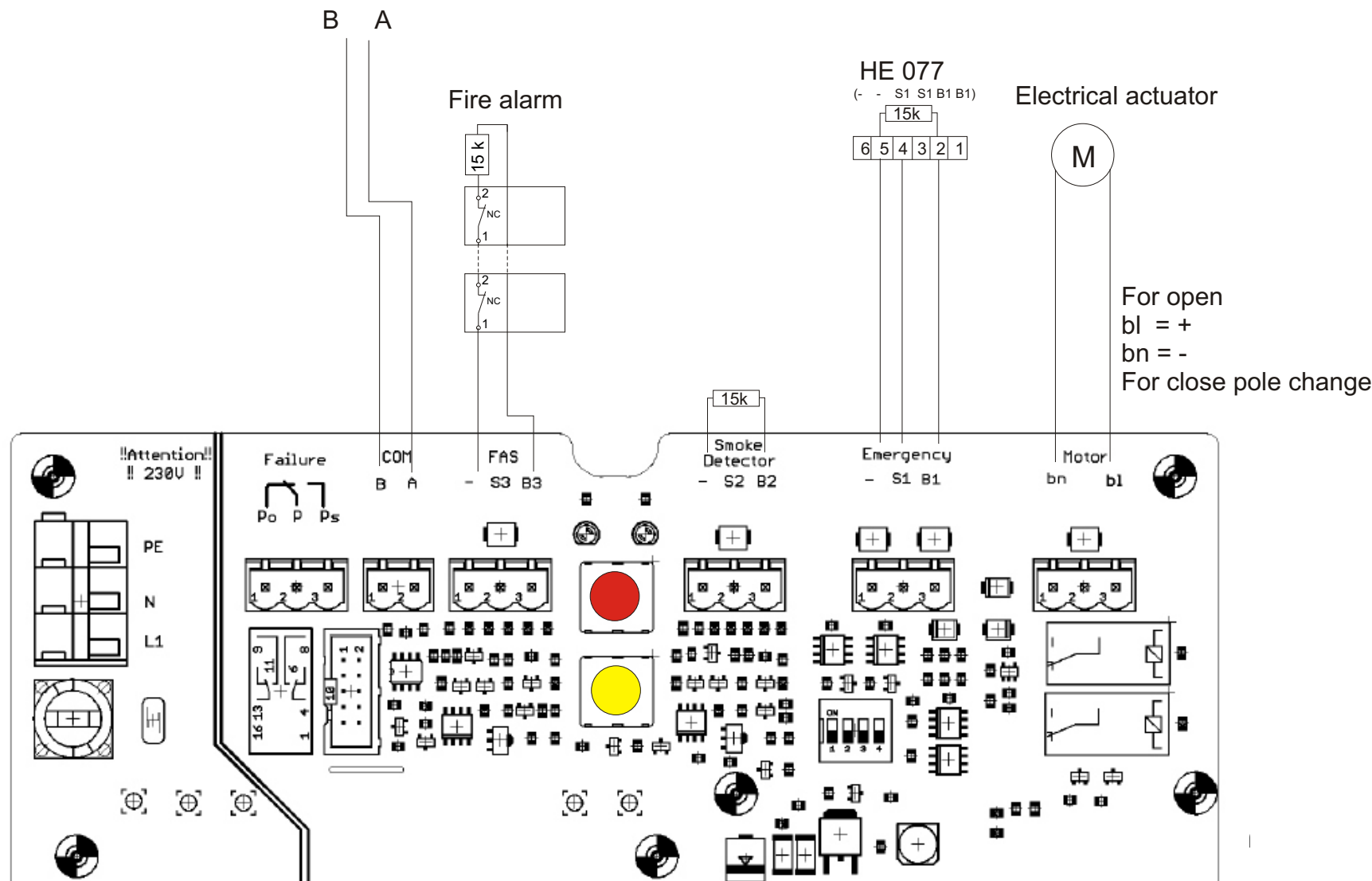
Function close button:

Press < 5 seconds = override smoke detector, shaft door closes, system stays in alarm mode

Press > 5 seconds = reset the full shaft system



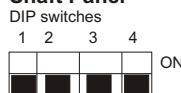
Link to shaft, head of shaft or stair panel



Programming instruction:

You can use the Shev panel as shaft panel, head of the shaft and stair panel. This is to be set up by the DIP switches.
 DIP 1: On = head of shaft panel
 DIP 2: On = stair panel
 DIP 3: Slave mode (failure relay can be used to trigger another shaft panel)
 DIP 4: not used

Shaft Panel

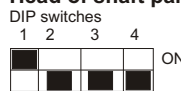


With autoreset for fire alarm signal (volt-free contact).
 Contact open = Alarm
 Contact close = Reset
 If one panel is in alarm mode all othe shaft panels are blocked.
 Connection of HE 077 with Alarm button and override button.

Function close button:

Press < 5 seconds = override smoke detector, shaft door closes, system stays in alarm mode
Press > 5 seconds = reset the full shaft system

Head of shaft panel



Opens always in case of alarm
 Closes always when reset

Stair panel



Can be used as standard smoke vent panel
 If the panel is linked to one of the shaft panels or head of the shaft panel it will open in case of alarm. Reset must be done at the stair panel or local HE 077. If the stair panel is triggered by HE, smoke detector or fire alarm it will not open the shaft system!

We hereby declare, that the product listed below duet to its conception and design and in the make, issued by us is, according to the enclosed notes on operation and mounting, designed to be inserted into a machine respectively installation. Its initial operation is prohibited until the machine or the installation, into which the mentioned part is to be mounted, fully complies with the EC-regulation 89/392/EEC changed by 91/368/EEC and 89/336/EEC changed by 93/31/EEC and 73/23/EEC.

Any adaptions or alteration of which may be made to the product, without the prior consent of SIMON RWA Systeme GmbH, will make this declaration

Denomination: Electrical Control Panel, type SP-200

For manufacturing or order number please see type plate

We certify conformity with applicable EC-regulations of the product stated above.

89/336/EEC changed by 92/31/EEC, 89/392/EEC changed by 91/368/EEC, 73/23/EEC, EN50081-1, EN50082-1, EN 55014, DIN EN292/1 and EN292-2

For delivered respectively not ready-mounted or not yet operated components of an electrical smoke and heat ventilation exhaust system with a manufacturer's declaration according to EC- machine regulation the customer will be liable for proper mounting and initial operation as well as for drawing up of the declaration of conformity according to EC-regulations.

This declaration certifies compliance with the regulations mentioned, however does not include an assurance of specific characteristics.

Please comply with notes on security mentioned in the instructions.

Passau, 07-05-23

Managing director

Master/Slave application (DIP switch 3 ON)

If there are two shoft doors in one lobby slave panel opens and closes together with the master panel

