



1.20

WSC 304 6101/6102

## Smoke control panel 4A



Natural  
ventilation



Smoke  
ventilation



Rated voltage



Maksimal  
output current

### Application

- 1 smoke / comfort ventilation group
- control of window actuators up to 4A
- with microprocessor
- smoke extraction in smaller and medium sized buildings
- expandable with additional modules
- incl. 2 back-up batteries

Smoke control panel for control of 24 VDC actuators for smoke extraction and daily comfort ventilation.

The smoke control panel is especially suitable for surveillance of smaller areas, e.g. staircases, smaller sport centres and restaurants.

By linking several smoke control panels in a master/slave system, the compact panel can also be used in larger buildings (master/slave module WSA 301 required).

### Special technical features

- for smoke ventilation combined with comfort ventilation
- built-in uninterruptable power supply (min. 72h battery back-up in case of voltage loss)
- cable surveillance on break glass unit
- cable surveillance on smoke detector input (if used)
- survey on actuator outlet
- breakage of smoke signal lines 1 and 2 are seen separately via diodes on the bottom plate
- fault display on diagnostic LEDs
- incident reporting is programmable as smoke triggering

- smoke triggering when temperature inside the compact unit exceeds 72°C
- plastic-steel housing with white frame for surface mounting,
- IP30

### Connection options

- actuator with end switch or electronical load switch of
- tripping by BMS via potential-free contact (ASV module WSA 306 required)
- in connection with comfort ventilation signals from BMS units can be received
- wind/rain sensor without additional plug in module
- 15 ventilation keypads with "indicator" or any number of "open" indicator
- 10 smoke detectors type WSA 300 61 or WSA 310
- 4 break glass units (primary) type WSK 320 or type WSK 321
- 15 break glass units (secondary) type WSK 330

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# Smoke control panel 4A

| Technical specifications |  |                                 |                                 |
|--------------------------|--|---------------------------------|---------------------------------|
| Primary voltage          | 230 VAC ±10%   |                                 |                                 |
| Secondary voltage        |  | <b>6101</b>                     | <b>6102</b>                     |
|                          | max. open circuit voltage at 230 VAC<br>motor voltage at rated load<br>max. ripple                 | 32.0 VDC<br>24.5 VDC<br>6.0 Vpp | 28.0 VDC<br>21.7 VDC<br>3.0 Vpp |
| Output current           | max. 4A  |                                 |                                 |
| Operating condition      | +10°C - +45°C  |                                 |                                 |
| Emergency power supply   | > 72h  |                                 |                                 |
| Material                 | plastic-steel housing for countersunk or surface mounting  |                                 |                                 |
| Colour                   | white (RAL 9016)   |                                 |                                 |
| Size                     | 368 x 353 x 95mm (W x H x D)   |                                 |                                 |
| Weight                   | 4.7kg excl. batteries / 7.5kg incl. batteries  |                                 |                                 |
| IP rating                | IP30   |                                 |                                 |
| Delivery includes        | smoke control panel with 2 pcs. back-up batteries 12V/2Ah (WSA 002) and frame for surface mounting |                                 |                                 |
| Note Primary voltage     | we reserve the right to make technical changes   |                                 |                                 |

| Items  | Item no.     |
|--|--------------|
| Smoke panel 4 A                                  | WSC 304 6101 |
| Smoke panel 4 A, reduced actuator output voltage | WSC 304 6102 |

| Accessories                           | Item no. |
|---------------------------------------|----------|
| Alarm and fault module (master/slave) | WSA 301  |
| Linking of wind/rain signal           | WSA 302  |
| Time-ventilation module               | WSA 303  |
| Gap ventilation module                | WSA 304B |
| ASV module                            | WSA 306  |
| End module                            | WSA 432  |
| Smoke detector end module             | WSA 433  |
| Lock cylinder incl. key               | WSA 437  |

**For further information, see the respective product sheets in this chapter and the chapter "Accessories"**