

WSA 306 ASV-module

For Smoke control units:

- WSC 304 01 / 304 61
- WSC 310 P / 320 P
- WSC 4xx
- WSC 520 / 540 / 560

General information

The smoke detector input can be used for transmitting on a signal from an external fire detecting system (ASV). This requires a potential-free ASV contact and the ASV module.

ASV OPEN function

To generate a trip (EMERGENCY OPEN) of the Smoke ventilation group actuate the potential-free contact in the ASV. All Smoke ventilation actuators "OPEN" automatically. The ventilation buttons are now out of operation.

Resetting the ASV OPEN function

Once the ASV central unit has been reset (tripping contact open again), actuate the CLOSED button on the break glass unit or the Reset button in the Smoke control unit (WSC 4xx: on the Smoke group module). The ASV actuators "CLOSE" and the ventilation buttons are operational again.

ASV CLOSE function

To generate a trip (EMERGENCY OPEN) of the Smoke ventilation group actuate the potential-free contact in the ASV. All Smoke ventilation actuators "CLOSE" automatically. The ventilation buttons are now out of operation. A ASV system trip in the break glass unit (actuators move „OPEN“) has priority over a ASV CLOSED trip.

Resetting the ASV CLOSE function

Once the ASV central unit has been reset (tripping contact open again), actuate the CLOSED button on the break glass unit or the Reset button in the Smoke control unit (WSC 4xx: on the Smoke group module). The ventilation buttons are operational again.

Malfunction message and its remedy

Malfunction:

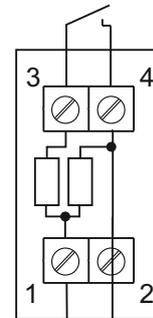
The yellow control LED "Malfunction (automatic detector)" is lit when the group ASV connection, monitored by a closed-circuit current, is interrupted / faulty.

Remedy:

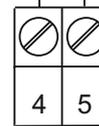
- Ensure that the detector voltage is applied to the measuring point (see Setting the load voltage).
- Check the connection of the terminal resistor (ASV module).
- Check the cables to the ASV.

ALL rights for changes and errors withheld

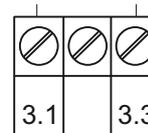
ASV central unit pot.-free tripping contact (N/O)



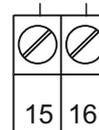
ASV modul
WSA 306 01



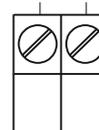
Connecting to
smoke control
unit WSC 304



Connecting to
smoke control
unit WSC 3x0 P



Connecting to
smoke control
unit WSC 4xx



Connecting to
smoke control
unit WSC 5xx