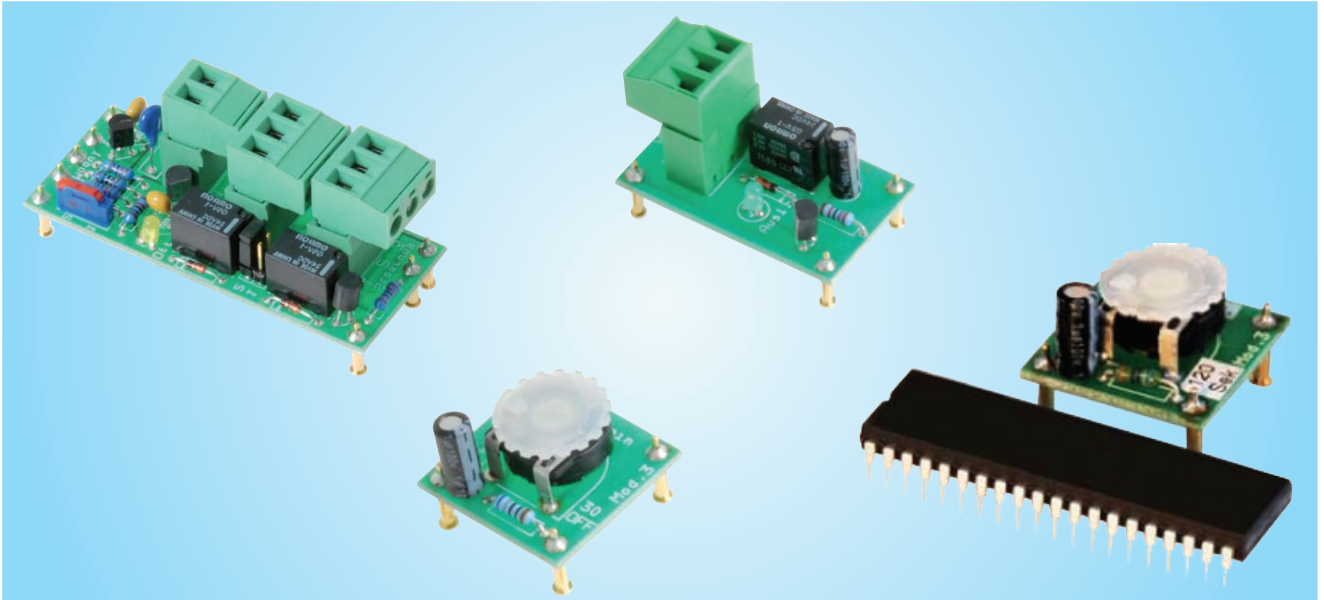


WSA301 / WSA302 / WSA303 / WSA304 / WSA308

SMOKE VENTILATION MODULES



WSA 301 / WSA308

Alarm and fault module (master/slave)

The module for external signalling of alarm and malfunction of a smoke ventilation panel. Also necessary when linking several smoke ventilation panels.

WSA 301 for WSC 204, WSC 304 01 and WSC 304 61

WSA 308 for WSC 308 01 and WSC 316 01

Technical specification

Fault: 1 potential free change-over switch (max. 60 VDC, 1A)

Alarm: 1 potential free change-over switch (max. 60 VDC, 1A) with 3-poled connection plug for potential free surveillance or as surveyed 2-core signalling for linking of smoke ventilation units.

Bus fault: 2-poled connector for 2-core BUS-cable for signalling fault back to the main (first) break glass unit of the cascade.

WSA 303

Time ventilation module

The module is used for the automatic closing of windows or vents after a set period of vents being open.

In comfort ventilation mode, the module ensures that the windows or vents will close automatically after a preset time, meaning if windows and vents have been opened, they will always be closed again after the predefined period of time. The delay can be set between between 1 and 30min.

To be used together with smoke control panel type WSC 204, 304 and 308.

Special technical features:

- the windows or vents automatically close after 1 to 30min after the last opening (depending on the potentiometer setting)
- the module has no function when the potentiometer is set against the right-hand stop.

WSA 302

Linking of wind/rain signal

Linking of the wind/rain signal from one WSC 2xx or 3xx smoke control panel to the next smoke control panel (master- slave).

Technical specification

Transmission: 1 x potential free change-over contact max. 60VDC, 1A.

Green LED display: green LED lights up when the wind/rain sensor is triggered.

WSA 304

Gap ventilation module

The module is used for time restricted opening of the comfort ventilation function.

It is not always necessary for an electric actuator to open a ventilation unit (window or light dome) by its full stroke.

Sometimes, a small gap is sufficient for ventilation purposes.

This module enables time-controlled limitation of the actuator stroke. The module has no influence on the actuator when an "EMERGENCY OPEN" function is triggered.

In this case the actuator opens to its maximum stroke.

WSA304A for WSC304 01

WSA304B for WSC204 and 304 61

WSA304C for WSC308 01

Special technical features:

- the opening time can on the potentiometer be set from:
1 - 120 sec.: WSA304A og WSA304C
1 - 60 sec.: WSA304B
- even re-triggered in "OPEN" direction the window will not open further than set preset opening value.