

WSC 204/KP

AOV CONTROL UNIT

VOLTAGE

Input = 230V AC, Output = 24V DC

MOTOR LINES

1

MOTOR LOAD

4.8 A



WSC 204KP



WSC 204

DESCRIPTION

1 smoke / comfort ventilation group control of window actuators up to 4.8A with microprocessor smoke extraction and comfort ventilation in smaller and medium sized buildings expandable with additional modules incl. 2 pcs. back-up batteries type WSA 003. Smoke control panel for control of 24V DC 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.

INPUTS FOR

Manual Override Switch
Fire Alarm (with WSA 306 module)
Switch
Thermostat
Wind Sensor
Rain Sensor

APPLICATION



SMOKE
VENTILATION

CERTIFICATION

Certified and tested in accordance to EN 12101-10 

DESCRIPTION (CONTINUED)

WSC 204 / WSC 204BZ / WSC 204KP.

The smoke control panel is supplied in plastic housing and can be either countersunk mounted or surface mounted (frame for surface mounting is supplied).

WSC 204.

The smoke control panel opens the windows actuators during smoke.

WSC 204BZ

The smoke control panel closes the windows actuators during smoke.

WSC 204KP

The smoke control panel opens the windows actuators during smoke. The panel is supplied with one break glass unit and one keypad both integrated in the door. As the keypad and break glass unit are internal to the smoke panel installation is easy and quick and saves costs. The keypad is used for daily comfort ventilation.

WSC 204MH

The smoke control panel opens the windows actuators during smoke. The smoke control panel is supplied in steel housing and is suitable for surface mounting.

Extension

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

Special technical features

approval according to EN 12101-10 for smoke extraction combined with comfort ventilation built-in uninterruptible power supply 2 pcs. WSA 003 (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 via diagnostic LEDs incident reporting is programmable as smoke triggering smoke triggering when temperature inside the compact unit exceeds 72°C.

Connection options

actuator with end switch or electronic 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 as many "open" indicators

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

TECHNICAL DATA

Primary Voltage (Input)	230V AC
Secondary Voltage (Output)	24V DC
Motor Load	4.8 A
Motor Lines	1
Inputs	Manual Override Switch, Smoke Sensor, Fire Alarm, Switch, Thermostat, Wind Sensor, Rain Sensor
Operating Condition	-5°C - +40°C
Battery Backup	>72 hr
Size	368 x 353 x 97 mm
Protection Type	IP 30
Delivery	1 x Control Unit & 2 x Batteries
Battery Size	2 x 12V 3.4Ah
Certification	EN 12101-10

ACCESSORIES

SSR-D	-	Optical Smoke Sensor
WLA110	-	Room Thermostat
WLA330	-	Wind & Rain Sensor
WLA331	-	Rain Sensor
WSA301	-	Alarm & Fault Module
WSA306	-	Fire Alarm Module
WSK100	-	Ventilation Keypad
WSK320	-	Manual Override Switch
WSK330	-	Manual Override Switch

PART CODES

WSC204	-	WSC 204 Control Unit 24 V 4.8 A
WSC204BZ	-	WSC 204 Control Unit 24 V 4.8 A Close on Fire
WSC204KP	-	WSC 204 Control Unit 24 V 4.8 A c/w MCP
WSC204MH	-	WSC 204 Control Unit 24 V 4.8 A (metal housing)

COMPATIBLE WITH



WMX 826
Chain Actuator



WMU 836
Chain Actuator



WMU 842
Chain Actuator



WMD 820
Folding Arm Actuator

(Multiple 24V DC actuators, total load must not exceed 4.8 A max.)