Control Panels

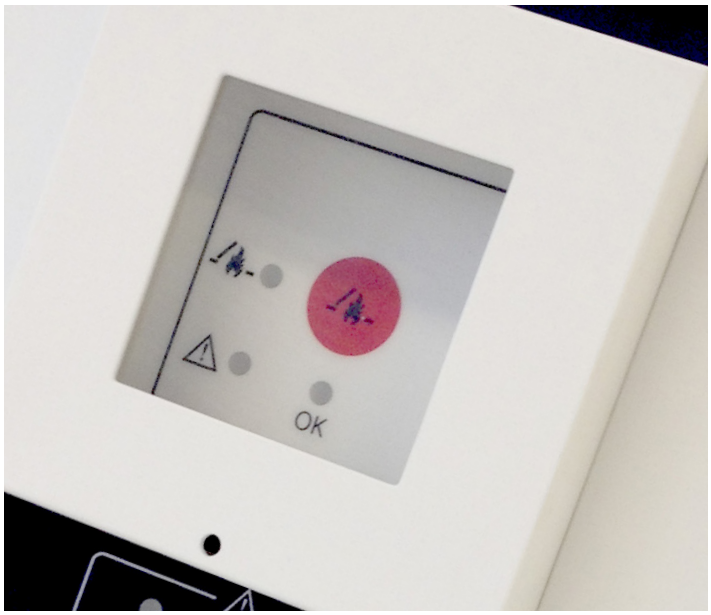
Actulux

Control Panels - Type SVM 24V

5A or 8A / 1 fire-/comfort group

EN12101-10

VdS



Control Panel - Type SVM 24V, 5A or 8A

FOR BOTH COMFORT- AND FIRE VENTILATION

SVM “Mini” control panels are constructed to provide and control the operation of the opening systems for comfort and fire ventilation with 24V DC electrical opening units.

The SVM control panel is equipped with connection terminals for external signals (comfort- and fire switches, weather sensor/close all, detectors etc.), and it is also possible to connect more control panels in the same “Bus” connection.The SVM control panel has a compact and elegant design and is certified according to EN12101-10 class A (double supply).

Incl. battery back-up.

Possibility for built-in fire- and comfort switches in the front.

Specifications	24V Control Panels Mini Type SVM 24V-5A / SVM 24V-8A (VdS approval)
Power supply	230V AC - max. 1.5A
Output supply	24V DC
Motor outputs	1 pc. (line detection: 1-4 lines)
Max. total load	5A / 8A
Operating temperture	-15°C - +40°C
Density	IP 54
Battery back-up (72h)	Yes
Dimensions WxDxH / Weight incl. batteries	238 x 113 x 286 mm / 7,5 kg
Colour	White front - black indication label
Batteries	2 pcs. 12V/7.2AH
Fire groups	1 pc.with line detection. Max.power consumption for fire switches (LED+buzzer)=17.6mA ≈approx.8 fire switches
Comfort groups	1 pc. - unlimited no. of comfort switches
Detector (smoke/heat) inputs	1 pc. with line detection. Max.power consumption for detectors = 2.2mA ≈ approx. 22 pcs. detectors
Weather sensor input / close all	Yes
Alarm output	Yes - potential free contact, max. 48V / 0.5A
Failure output	Yes - potential free contact, max. 48V / 0.5A
24V DC for external use	24V DC / max. 0.5A - at 230V AC operation
Bus communication	Yes - connection of 2 - 35 pcs. control panels - line detection
Visual (LED) indication in front panel	“OK” / “AC fault” / “Low battery” / “Line fault” / “Alarm” / “Comfort open”
DIP switch features (standard)	“Service hours (LED’s flash in front panel)” / “Comfort opening interval” / “Temperature detection via motor output” / “Extra line detection via 3 wire motor output” / “Fail safe (alarm by line failure)” / “Sprinkler (close by alarm)” / “Bus comm. setting (react on Bus comm.)” / “Potential free contact for comfort open”
Approvals / Conforms	EN12101-10:2005 approved and certified - class A (double supply) - envir. class 1 (to -15°C) Conform EN12101-9 VdS Certifikat G 518001 (ONLY 8A-edtion) VdS 2581:2002-09(02) Umweltklasse III / VdS 2593:2002-09(02) Umweltklasse III

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Control Panels

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Control Panels - Type SV 24V/48V

8A, 24A, 30A or 32A - 2 fire-/comfort groups

EN12101-10

Control Panels - Type SV 24V and 48V

FOR BOTH FIRE- AND COMFORT VENTILATION

SV control panels are constructed to provide and control the operation of the opening systems for comfort and fire ventilation with 24V or 48VDC electrical opening units.

The SV control panel is equipped with connection terminals for external signals (comfort- and fire switches, weather sensor/close all, detectors etc.), and it is also possible to connect more control panels in the same “bus” connection.

The SV control panel has a compact and elegant design and in the “ds” version it is certified according to EN12101-10 class A (double supply). Incl. battery back-up.

Specifications	SV 24V-xx Control Panels SV 24V-24A / SV 24V-32A 24V-8A-ds / 24V-24A-ds / 24V-30A-ds / 24V-32A-ds	SV 48V-xx Control Panels 48V-24A / 48V-32A 48V-8A-ds / 48V-24A-ds / 48V-30A-ds / 48V-32A-ds
Note / Approvals / Conforms	“-ds” = EN12101-10:2005 approved / certified - class A (double supply) - envir. class 1 (to -15°C) // Conform EN12101-9	
Power supply	230VAC / max. 1.5A (“ds” = max. 5A)	230VAC / max. 1.5A (“ds” = max. 10A)
Output supply	24VDC	48VDC
Motor outputs	2 pcs. (line detection: 1-10 lines)	2 pcs. (line detection: 1-10 lines)
Max. total load	8A / 24A / 30A / 32A	8A / 24A / 30A / 32A
Max. load each motor output	16A	16A
Operating temperature	-15°C - +40°C	-15°C - +40°C
Density	IP 54	IP 54
Battery back-up (72h) / Batteries	Yes / 8A-24A = 2 pcs. 12V/7.2Ah 30A-32A = 2 pcs. 12V/12Ah	Yes / 8A-24A = 4 pcs. 12V/7.2Ah 30A = 2 pcs. 12V/12Ah + 2 pcs. 12V/7.2Ah 32A = 4 pcs. 12V/12Ah
Dimensions (WxDxH) / Weight incl. batteries	343 x 178 x 450 mm / max. 22 kgs	343 x 178 x 450 mm / max. 32 kgs
Colour	White front / Black chassis	White front / Black chassis
Fire groups	1 or 2 pcs. (by dip switch) with line detect. / Max. power consumption for fire switches (LED+buzzer)=14mA=approx. 6 fire switches	
Comfort groups	1 or 2 pcs. (by dip switch) - Unlimited number of comfort switches	
Detector (smoke/heat) input	2 pcs. with line detection / Max. power consumption for detectors = 4.4 mA ≈ approx. 2x22 = 44 detectors	
Weather sensor input / close all	Yes	Yes
Alarm output	Yes - potential free contact, max. 48V / 0.5A	Yes - potential free contact, max. 48V / 0.5A
Failure output	Yes - potential free contact, max. 48V / 0.5A	Yes - potential free contact, max. 48V / 0.5A
24V DC for external use	24VDC / max. 0.5A - at 230VAC operation	24VDC / max. 0.5A - at 230VAC operation
Bus communication	Yes - connection of 2-10 control panels - line detection	
Visual (LED) indication in front panel	“OK” / “AC fault” / “Low battery” / “Line fault” / “Alarm”	
Dip switch features (standard)	“Service hours (LED’s flash in front panel)” / “Comfort opening interval” / “Temperature detection via motor output” / “Extra line detection via 3 wire motor output” / Fail safe (alarm by line failure)” / “Sprinkler (close by alarm)” / “Bus comm. settings (react on Bus comm.)”	
Options	Possiblility to connect “Add-on” PCB with relay contacts for “comfort open” signal	