Actulux

Special Features:

- Multi Zone: Up to 6 zones / motor groups for fire- and comfort ventilation (modular build).

- 2-wire CAN Bus for communication between other SVL Control Panels - up to 10 pcs.

- 2-wire Powerline connection for intelligent Fire Switches (iMCP - intelligent Manual Control Point and iFPS - intelligent Firemans Priority Switch)

- "Ring" connection for intelligent Fire Switches and other SVL Control Panels in the bus communication, to ensure high operations safety in case of cable fault.

- Easy setup from Smart Phone - Android and iOS.

- 24V or 48V output editions - Up to 50A in total for one Control Panel, max. 25A per motor group.

- Separate control per motor output for:
  - Fire, comfort and detector
  - Alarm and fail relay
  - Reset input
  - Extra fail monitoring input
    (to be used for variety of features)

- Top and bottom cable entries and possibility for cable trunking inside the Control Panel.

- Event logging - read out via App.

- EN12101-10 class A (double supply) certified.

SMOKE VENT

New Multi Zone Control Panels

Control Panels - Type SVL 24V/48V
10A / 15A / 20A / 32A / 40A / 50A with 2-6 motor outputs
EN12101-10

Control Panels - Type SVL 24V and 48V

FOR BOTH FIRE- AND COMFORT VENTILATION

SVL control panels are constructed to provide and control the operation of the opening systems for comfort and fire ventilation with 24V/48V DC electrical opening units.

The SVL is a Multi Zone Control Panel, delivered with 2 motor groups as standard but can be expanded up to 6 motor groups with 4 additional modules. All groups can be configured with individual input for fire- and comfort opening, reset, smoke/heat detectors, and an extra line monitored input from eg. open indication.

Alarm and fail relay with potential free NO/NC contact per motor group is standard.
Common input for weather sensor / close all is standard.

The 2-wire powerline connection for intelligent Fire Switches / intelligent Manual Control Point (iMCP), intelligent Firemans Priority Switch (iFPS) and the CAN Bus Communications for connecting with more SVL Control Panels, is very functional in the event of cable faults. It ensures easy installation and very high operational safety, due to the "ring" connection principle.

Top and Bottom cable entries in FL21 flange makes it easier to install the Control Panel in relation to cabling.

The SVL Control Panel has a compact and elegant design and is certified according to EN12101-10 class A (double supply).
All Control Panels are delivered incl. battery back-up.

Specifications	SVL 24V-xx Control Panels 24V-15A / 24V-20A / 24V-32A / 24V-40A / 24V-50A	SVL 48V-xx Control Panels 48V-10A / 48V-15A / 48V-20A / 48V-32A / 48V-50A
Note / Approvals / Conforms	EN12101-10:2005 approved / certified - class A (double supply) - envir. class 1 (to -5°C) // Conform prEN12101-9	
Power supply	230VAC / max. 8A / min. 10A net fuse	230VAC / max. 14A / min. 13A net fuse for 10-32A panels / min. 16A net fuse for 50A panels.
Output	24VDC	48VDC
Motor outputs	2 pcs. as standard (with 10 mm2 terminals for motor output). 4 pcs. more can be installed (with 6 mm2 terminals for motor output). Line detection: 1-15 lines per output)	2 pcs. as standard (with 10 mm2 terminals for motor output) 4 pcs. more can be installed (with 6 mm2 terminals for motor output). Line detection: 1-15 lines per output)
Max. total load DC	15A / 20A / 32A / 40A / 50A	10A / 15A / 20A / 32A / 50A
Max. load each motor output	25A	25A
Operating temperature	-15°C — +40°C	-15°C — +40°C
IP rating	IP 54	IP 54
Battery back-up (72h) / Batteries	Yes / 15A-20A = 2 pcs. 12V/12Ah / 32A-50A = 2 pcs. 12V/18Ah	Yes / 10A-32A = 4 pcs. 12V/12Ah / 50A = 4 pcs. 12V/18Ah
Dimensions (WxDxH) / Weight incl. batteries	516 x 215 x 660 mm / max. 34 kgs	516 x 215 x 660 mm / max. 48 kgs
Color	White front / Black chassis	White front / Black chassis
Fire groups	Max. 12 pcs. intelligent Fire Switches / intelligent Manual Control Point (iMCP) or Fireman's Priority Switch (iFPS) per panel. Up to 16 fire groups if connected with more SVL Control Panels in CAN bus (set by rotary switch).	
Comfort groups	Unlimited number of mechanical comfort switches - max. 50 mA if power output for open indication.	
Detector (smoke/heat) input	1-line per motor output with line detection / Max. power consumption for detectors = 4.4 mA ≈ approx. 2x22 = 44 detectors	
Weather sensor input / close all	Yes	Yes
Alarm output	1 pcs. per motor output potential free contact, max. 48V / 0.5A	1 pcs. per motor output potential free contact, max. 48V / 0.5A
Failure output	1 pcs. per motor output potential free contact, max. 48V / 0.5A	1 pcs. per motor output 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 – ring connection of 2-10 control panels - line detection	
Visual (LED) indication in front panel	"OK" / "AC fault" / "Low battery" / "Line fault" / "Alarm" / "Open" / "Weather"	
App Setup	"Service indication (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	Up to 4 motor group modules can be connected to main board. Internal panel trunking.	

Item no.	SVL 24V-xxA	Groups
228002xx / 3xx / 4xx / 5xx / 6xx	SVL 24V-15A	2 / 3 / 4 / 5 / 6 gr.
228102xx / 3xx / 4xx / 5xx / 6xx	SVL 24V-20A	2 / 3 / 4 / 5 / 6 gr.
228202xx / 3xx / 4xx / 5xx / 6xx	SVL 24V-32A	2 / 3 / 4 / 5 / 6 gr.
228302xx / 3xx / 4xx / 5xx / 6xx	SVL 24V-40A	2 / 3 / 4 / 5 / 6 gr.
228402xx / 3xx / 4xx / 5xx / 6xx	SVL 24V-50A	2 / 3 / 4 / 5 / 6 gr.

Item no.	SVL 48V-xxA	Groups
228502xx / 3xx / 4xx / 5xx / 6xx	SVL 48V-10A	2 / 3 / 4 / 5 / 6 gr.
228602xx / 3xx / 4xx / 5xx / 6xx	SVL 48V-15A	2 / 3 / 4 / 5 / 6 gr.
228702xx / 3xx / 4xx / 5xx / 6xx	SVL 48V-20A	2 / 3 / 4 / 5 / 6 gr.
228802xx / 3xx / 4xx / 5xx / 6xx	SVL 48V-32A	2 / 3 / 4 / 5 / 6 gr.
228902xx / 3xx / 4xx / 5xx / 6xx	SVL 48V-50A	2 / 3 / 4 / 5 / 6 gr.