

sMove s8

Wiring



Input cable: 230 V AC, 50 Hz
Output cable: 24 V DC

Control voltage: 24 V DC
Fan-BUS: 6.7 – 15.3 V DC, 3-pole
Analogue input: Control voltage 0 – 10 V DC
Resolution 10 Bit
External switching contact: Potential free (NOC)

Cable cross-section and maximum cable length

Operating voltage cable:

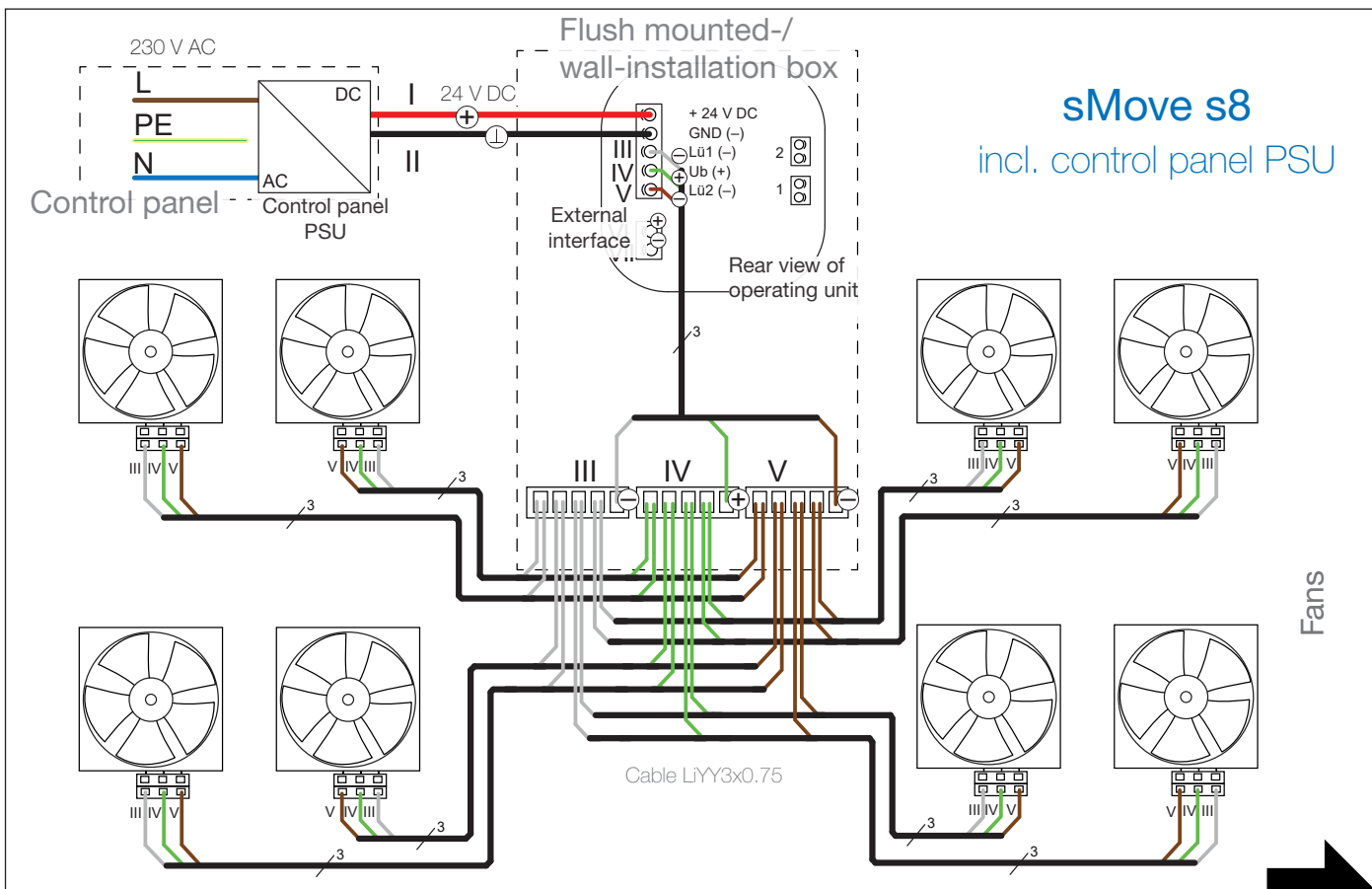
Wire cross-section: 0.75 – 1.5 mm²
Cable 2x1.5: 24 V DC
Maximum cable length: Between power supply unit (PSU) and controller

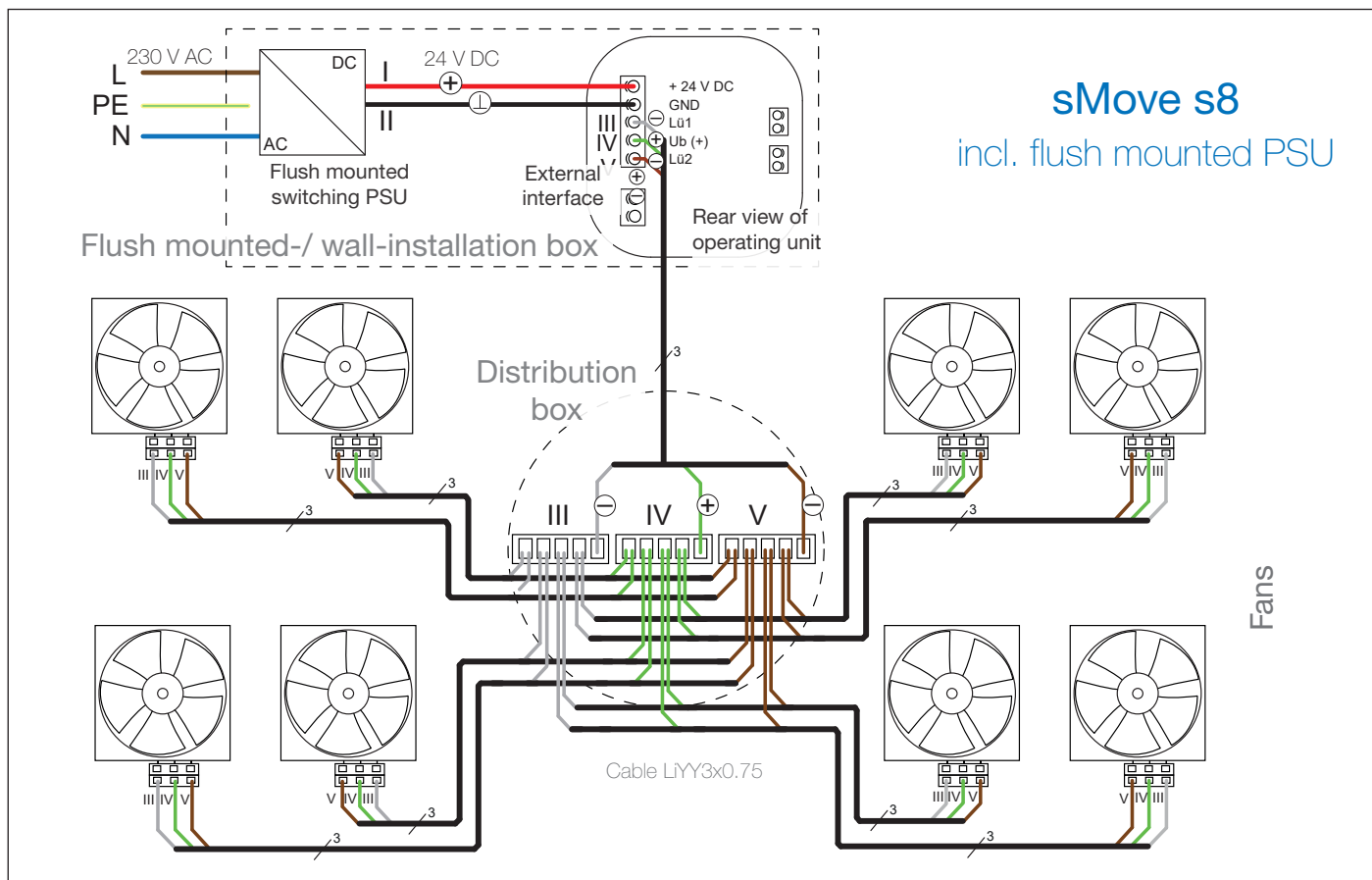
Max. 100 m

Fan BUS:

Wire cross-section: Min. 0.75 mm²
Cable LiYY3x0.75: 6.7 – 15.3 V DC
Maximum cable length:

- 1 **Star-shaped connection** of the fans to the controller:
 - between sMove s4 controller and iV-Smart+ / iV14-Zero / iV-Light / iV-Compact ventilation device: Max. 33 m each
 - between sMove s4 controller and iV25/iV-Twin+ ventilation device: Max. 20 m each
- 2 Connection of the fans **in series**, maximum distance between controller and the last connected ventilation unit:
 - sMove s8 controller with 4x iV-Smart+ / iV14-Zero / iV-Light / iV-Compact ventilation devices: Max. 10 m
 - sMove s8 controller with 2x iV-Smart+ / iV14-Zero / iV-Light / iV-Compact ventilation devices: Max. 20 m
 - sMove s8 controller with 2x iV25/iV-Twin+ ventilation devices: Max. 10 m





Brief installation overview

