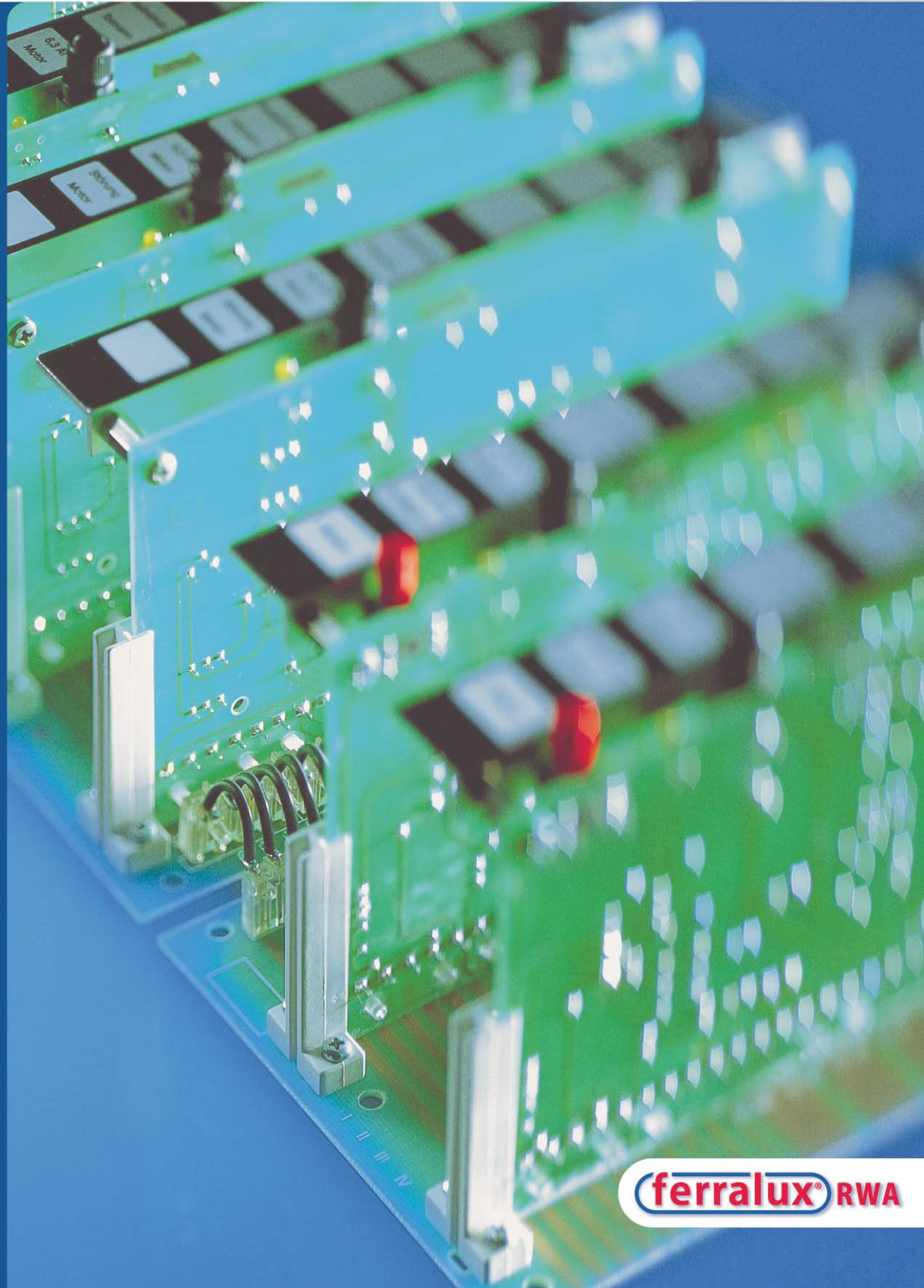


Smoke and Heat Vent Control Unit

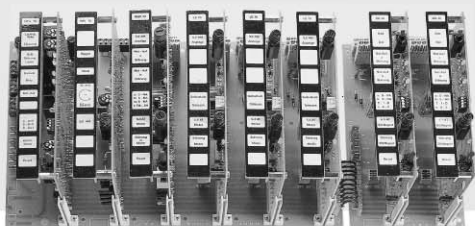


EMB 7000



ferralux RWA

Smoke and Heat Vent Control Unit



EMB 7000




Description:

The EMB 7000 control system provides effective and proven reliable operation and control of all sorts of electrically driven windows, rooflights and smoke and heat exhaust ventilators. Incorporating a modular design based on expandable plug in control card principle, EMB 7000 control system offer technical solutions for the many applications in the smoke and heat exhaust and natural ventilation sectors. Emergency operation is triggered by the activation of either automatic alarms or manual fireman switches to drive open the actuators of the smoke and heat exhaust ventilators. In addition to smoke ventilation there is provision for a wide range of control for natural ventilation either simple manual open / close switches or fully automatic climate control featuring wind, rain, temperature and humidity control options.

With overriding priority always given to smoke and heat exhaust situations. Bespoke modes of operation can be customised to suit specific building requirements.

EMB 7000 Control System Features

- Capable of controlling large numbers of electrically driven smoke vents on large building projects
- Expandable 4 slot motherboard extensions permit multi-smoke zoning and natural vent groupings
- Full electronic monitoring and signalling of wiring systems
- LED indication of system status
- Secondary power supplies via batteries mounted within the control enclosures providing up to 72 hours back-up supply
- Provision for remote activation and detection by BMS and/or fire alarm systems via volt free contact sets
- Natural ventilation control options either manual or automatic including thermostatic and timer with wind and rain sensing protection
-  TÜV tested and certified product

Technical Data:

Power supply	230 V AC up to 50 A size units, 400 V AC from 60 A size units
Line voltage for actuators	24 VDC
Current consumption	Depending upon control configuration and number of connected drive units
Housing	Surface mounted sheet steel enclosure RAL7032 finish
Dimensions (W x H x D)	Beginning at 500 x 500 x 200 mm for 5 A version
Protection class	IP54
Standard components	Housing, main board, power pack control NTK 70, smoke vent control RWA 70, vent control LE 70, wind and rain control WR 70.

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