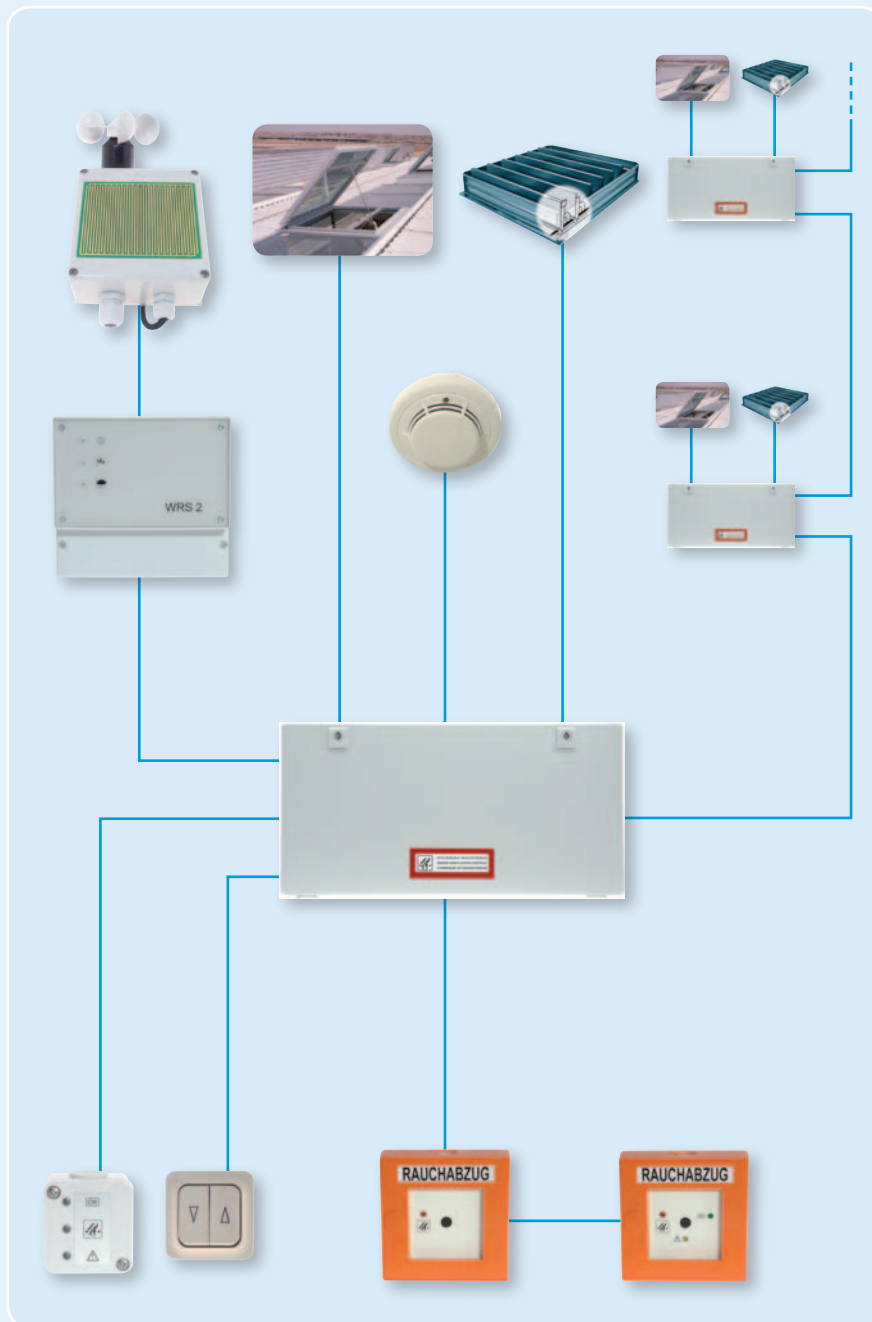


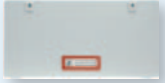


# Decentralised SHEV control panel

## Decentralised SHEV control panel

- Systems with practically any desired number of SHEV or ventilation zones can be arranged
- Control of 24V~ actuators
- Release by override push-buttons, automatic fire detectors, fire alarm control panel
- Ventilation control by push-buttons, wind and rain control





#### Decentralised: SHEV control panel

- Control for arranging a decentralised SHEV-system with 24V~ actuators. Very short cable lengths and small cross sections to the actuators due to control location near the SHEV (smoke and heat exhaust ventilator)
- A communication line enables individual controls to be combined to an SHEV group with different ventilation zones. In this way, systems with practically any desired number of SHEV and ventilation zones can be arranged
- Output power 192W (24V~/ 8A) or 384W (24V~/ 16A)
- Signal lines for automatic fire detectors, override push-buttons and fire alarm control panel (FACP)
- Other monitored lines: alarm message / malfunction message from the upstream control system
- Reset of alarm / fire detectors by push-button in the main alarm point or in the control
- Cycle repetition function in the event of alarm to VdS 2581
- Monitoring of signal lines, actuator supply line, fuses, accumulators and power line
- Standby power supply for at least 72 hours with accumulator management to VdS 2593
- Reverse connection and deep-discharge protection for the accumulators (2 VdS approved accu included)
- Possibility of connecting ventilation push-buttons, also with indication of position OPEN A
- Adjustable ventilation position and ventilation time
- Possibility of connecting an external wind and rain control (WRC), optionally internal WRC
- Configurable functions: "Auto-Close", "Malfunction = Alarm", "Malfunction Power Supply = Alarm", "Thermal Alarm", "Travelling time 3 min", "Dead Man's Ventilation Control", "Wind and Rain Control", etc.
- Including external status display with indications Operation 'O', Alarm 'R' and Malfunction 'S'
- Connectable actuators: 24V~ actuators, travelling time for full stroke at rated load < 1,5 or < 3 minutes
- Sheet steel enclosure, protection rating IP54, W 600 x H 300 x D 155mm, light grey (RAL 7035)
- Cable entries through membrane grommets from the left (10 x M16, 3 x M 20 and 2 x M25)

#### Options / accessories:

- Potential-free contacts for transmission of alarm or malfunction signals
- Integrated wind and rain control
- Integrated Parallel Actuator Cut-off or Synchronising Control for two actuators
- Service display unit for detailed status information (alarms, malfunctions, charging condition)
- Possibility of connecting a weather vane
- Special accumulator mounting bracket for overhead mounting of the control
- Battery backed Service Module for indication of due maintenance action



#### SHEV / Ventilation Units

- Eura / Eura-R
- Mono Therma / Duo Therma
- Luma / Lumera
- Inova
- Ventría
- Estra



#### SHEV - manual fire detector

- Secondary alarm point with indication Alarm 'R'
- Main alarm point with indications Operation 'O', Alarm 'R', Malfunction S and button "Reset R". Connection of main alarm point with mini buzzer 'S' and indication of position OPEN A also possible
- Lockable aluminium or plastic enclosure
- Colours available: grey, blue, red, yellow, orange (version in orange with VdS approval)



#### Automatic fire detectors

- Optical smoke detectors
- Optical / thermal smoke detectors
- Fixed temperature thermal detector
- Rate of rise heat detector
- The detectors are VdS approved



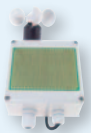
#### Ventilation buttons

- Surface or flush mounted. Cream white. Also available as key operated or twist knob switch
- Surface mounted damp proof type switch. Also available as key operated switch



#### Wind and Rain Control

- Control unit WRS (connection of wind sensor and / or rain sensor required)
- Actuators will be automatically closed upon response
- Adjustable response thresholds of wind and rain sensor, adjustable closing time
- Status LEDs for Operation 'O', Wind 'W' and Rain 'R'
- Four integrated change-over contacts for controlling several control panels / zones
- Switching capacity of each contact: 5A / 30V~, 5A / 230V~
- Plastic enclosure, protection rating IP40 (optionally IP54), W 165 x H 155 x D 95mm, grey



- Wind sensor
- Rain sensor (heated)

