



## Specifications

SHE / ventilation application  

### Brakel® SHEV Compact control panel 4A

24 V DC for smoke and heat control panel for electromotive powered smoke extraction and daily ventilation.

- Stabilized output voltage with ripple component <1% for a rated current up to 4A for powering two drive groups.
- Controlling the 24V DC drives in a SHE and two ventilation groups.
- Connection options for 10 SHE manual call points type RBH/3, 10 automatic detectors type MSD 523, 10 ventilation switches, a rain sensor or wind/rain sensor.
- integrated forwarding of the malfunction reports, SHE activation and combined fault.
- 230 V AC power supply and emergency power by maintenance-free 12V standby batteries for stand for 72 hours during power failure.
- Visual notifications for stand-by, activation and control.
- Service Friendly encirclement of disturbances via flashing error code with forwarding to the SHE-manual call points.
- Built-in maintenance counter with indication of maintenance due.
- Various configuration options and activation of functions, such as: Stroke limitation, Close after a pre-set time, ventilation in pulse mode and fault = SHE activation.
- Advanced settings via the service port interface and optional service port PC software.
- TÜV type-tested in accordance with DIN EN 61010-1 and tested under the standards for smoke and heat exhaust control systems prEN 12101-9 and EN 12101-10 for functional safety and energy supply.
- Made in Germany in compliance with ISO 9001 standards.

#### Delivery in a flame resistant

- 300 x 300 x 132 mm (H x W x D) wall mountable plastic polycarbonate case with a lockable lid.
- Housing colour RAL 7035. Degree of protection IP 44 in accordance with DIN EN 60529
- Optional: Flush-installation kit available.

Or:

#### Delivery in wall mountable-steel housing

- 300 x 300 x 111 mm (H x W x D) with lockable door in white RAL 9016
- Degree of protection IP 20 in accordance with DIN EN 60529
- Optional: Flush-installation kit available.



## Specifications

### Possibility for

- 24V DC drives with own power cut-off or limit free dividable in two motor circuits
- 10 SHE manual call points RBH / 3A ...
- 10 automatic detectors in 2-wire technology
- 10 external ventilation switches (with/without On-display) per ventilation group
- A wind/rain detector (WRM/2 24V) or 1 rain detector (RM/2 24V)
- potential-free forwarding "SHE, fault, and wind/rain" signal on each a potential-free changeover contact, max. 60 V / 0.5 A

Operating voltage : 230 V AC / 50 Hz ( $\pm 10\%$ )  
System voltage : 24 V DC (nominal) (-15% / + 25%) smoothed  
Emergency batteries : 2 x 12V / 2.2Ah with fault monitoring  
Voltage Drives : 27 V DC (nominal) (-25% / + 10%) smoothed  
max. current output : 4 A at 30 % Duty cycle with regards to 10 Min.

Model tested: DIN EN 61010-1 TÜV registration no. 44 780 09 376242

Functional checks: Verification in accordance with prEN 12101-9 and EN 12101-10

QUANTITY: ..... UNIT: piece Individual Price: ..... Total price: .....