



## Specifications

SHE / ventilation application  

### Brakel® Stairwell control panel TRZ-Plus Comfort

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 2A for powering a drive group.
- Controlling the 24V DC drives in a SHE and ventilation group.
- Integrated ventilation switch and SHE-manual call point with function and labelling in accordance with VdS 2592
- Connection options for 10 SHE manual call points type RBH/3A, 10 automatic detectors type MSD 523, 10 ventilation switches as well as a 24 V DC signal siren to alert in case of fire.
- Integrated redirection of the messages SHE activation and collective fault.
- 230 V AC power supply and emergency power via maintenance-free 12V standby batteries for over 72 hours of operational readiness during power failure.
- Visual notifications for stand-by, activation and control.
- Service Friendly encirclement of disturbances on 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 with an extended warranty for the product of 4 years (excluding wear parts).
- Delivery in flame retardant ABS wall mountable plastic housing with lockable door in the colours [orange] [gray] [blue] [yellow] [red].

Connection options for:

- 24V DC drives with own power cut-off or limit to 2 A Current consumption
- 10 SHE manual call points RBH /3A...
- 10 automatic detectors in 2-wire technology
- 10 external ventilation switches / stop / close (with or without On-display)
- 1 wind/rain detector WRM/2 24V or 1 rain detector RM/2 24V
- Potential-free message for SHE triggered and fault (opener)
- 1 signal siren 24V DC



## Specifications

<b>Operating voltage</b>	<b>: 230 V AC / 50 Hz (<math>\pm 10\%</math>)</b>
<b>System voltage</b>	<b>: 27 V DC (nominal) (-25 % / +10 %), smoothed</b>
<b>Emergency batteries</b>	<b>: 2 x 12V / 1.2Ah with fault monitoring</b>
<b>Voltage Drives</b>	<b>: 27 V DC (nominal) (-25 % / +10 %)</b>
<b>max. current output</b>	<b>: 2A (nominal) at 30 % ED (10 Min.)</b>
<b>Dimensions (H x W x D)</b>	<b>: 220 x 146 x 83 mm</b>

**Model tested: DIN EN 61010-1 TÜV registration no. 44 780 09 375661**

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

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