



Specifications

SHE / ventilation application  

Brakel® Stairwell control panel TRZ-Plus 2A

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 a ventilation group.
- Connection options for 10 SHE manual call points RBH/3A, 10 automatic detectors MSD 523, 10 ventilation switches as well as a 24 V DC signal siren to alert in case of fire.
- 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 faults 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 with an extended warranty for the product of 4 years (excluding wear parts).
- Delivery in flame retardant ABS surface mountable plastic housing with lockable door in color [orange] [gray] [blue] [yellow] [red].

Connection options for:

24V DC drives with own power cut-off or limited 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)

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



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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: