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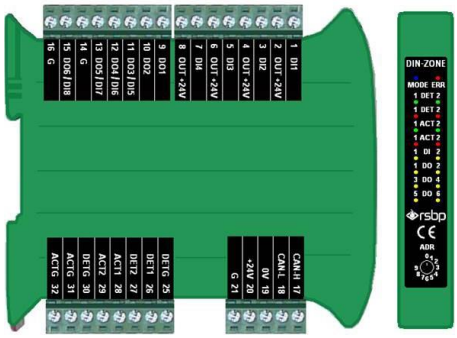
# DIN-ZONE




The DIN-ZONE module converts and processes analog resistance
lines into digital form, verifies operating and alarm limits, monitors short circuits, interruptions and grounding faults of the line.

It verifies a pair of activation lines and ensures their switching.

It also processes eight unprotected logic inputs and switches six transistors.

If the status of one of the monitored parameters changes, a fault event is signaled immediately and a message is sent to the CONEX control unit.

The power supply is provided with a voltage of 24 V DC with backup power supply from the CONEX control unit. Data transfer takes place via the CAN-BUS.

The DIN-ZONE module is placed in a plastic housing with an integrated DIN rail bracket. Signaling LEDs and an address selector are located behind a lockable transparent cover.

## TECHNICAL DATA

| | |
|---|---|
| Operating voltage | 18-27 V DC |
| Terminals | Cross-section of wire up to 2.5 mm 500 V / 24 A |
| Current consumption | 20 mA to 2 A / 24 V DC, depending on the operating mode, number of connected detectors and other dependent devices |
| Operating temperature | -40 °C up to +70 °C |
| Line detection 2x | resistance line evaluation 0 to 65 kΩ - user selection<br>verifies short circuit, interruption, grounding fault and power supply current (ALARM, RUN, FAULT) |
| Activation outputs 2x | 24 V DC / 1 A - 0 to 820 Ω - user selection<br>it is possible to define the allowed value of the detonator resistance |
| Tranzistor. outputs 6x | 24 V DC / 0.5 A – user selection of switching from the control panel |
| Unprotected inputs 8x | optically separated input – 24 V |
| Signalization 18x | LEDs - blue, red, green and orange (MODE, RUN, ALARM, FAULT, ON / OFF) |
| Configuration | superior app on PC |
| Bus | CAN-BUS, 250 kbps |
| Response time | 1.0 ms |
| IP Code | IP 20 |
| Dimensions | 120 x 101 x 22.5 mm |