

Differential Heat Detector 12 V

Art.-Nr. AZRM11000

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The 12 V thermo-differential detector detects incipient fires. It reacts to a maximum temperature and a sudden rise in temperature. These indicators are reliably detected and reported to the alarm center. The 12 V thermo-differential detector is mounted on the ceiling in the center of the room. The minimum distance to the side wall should be 30 cm. Since the heat detector does not detect smoke (as opposed to optical smoke detectors), it is used mainly in places with high dust and smoke pollution (kitchens, smoke rooms, garages). The detector triggers an alarm when the maximum temperature of 57° C is exceeded or when the temperature rises more than 5° C within 3 minutes. By changing a jumper, you can configure it as NO or as NC detector. It is therefore suitable for every wired alarm system. The thermo-differential detector is supplied externally with 12V operating voltage and is EN54 certified.

Technologies

- Suitable for connecting to alarm and fire detection systems
- Detects temperature changes
- Usable in steamy rooms
- Potential-free alarm relay

Technical data - Differential Heat Detector 12 V

| | |
|----------------------------|---------------------------------------|
| Areas of application | Interior |
| Certifications | EN54-5 V1 |
| Colour | white |
| Compatible with | Secoris, Secvest, Terxon |
| Connections | Screw terminal NO or NC, 2A at 30V DC |
| Current consumption | 48 mA |
| DC power supply | 10-28 V |
| Detection method | Thermal |
| Diameter | 100 mm |
| Dimensions | (HxD) 45x100 mm |
| Height | 45 mm |
| Housing material | ABS |
| Length | 100 mm |
| Max. Air humidity | 95 % |
| Max. Operating temperature | 50 °C |
| Mechanical protection | No |
| Min. operating temperature | -10 °C |
| Mounting location | Ceiling |
| Net weight | 0.126 kg |
| Product group | Detectors |
| Radio networked | No |

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Technical data - Differential Heat Detector 12 V

| | |
|--------------------|---|
| Sensor type | thermocouple: thermodifferential (3°/minute, max. Temp. 60°C) |
| Standalone | No |
| Type of protection | Fire protection |
| VdS class | without |
| VdS recognized | No |
| Voltage monitoring | No |
| WEEE group | 09 |
| width | 100 mm |