12 V Differential Heat Detector

Art.-Nr. RM1100

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 12 V raise of heat detector is supplied externally with 10 -15V 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 - 12 V Differential Heat Detector

Certifications	EN 54-5
Colour	white
Compatible with	Secoris, Secvest, Terxon
Connections	Screw terminal NO or NC, 1A at 30V DC
Current consumption	50 mA
DC power supply	10-15 V
Detection method	Thermal
Diameter	100 mm
Dimensions	(HxD) 46x100 mm

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Technical data - 12 V Differential Heat Detector

Height	46 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	0.14 kg
PSTI conformity needed	No
Power consumption	0.5 W
Product group	Detectors
Radio networked	No
Sensor type	thermocouple: thermodifferential (3°/minute, max. Temp. 60°C)
Standalone	No
Tripping temperature (minimum)	60 °C
Type of protection	Fire protection
VdS class	without
VdS recognized	No
Voltage monitoring	No
WEEE group	09
width	100 mm

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