

6297

Detetor Térmico 87°C Convencional em Caixa IP67, Classe CS

General

Heat detectors are normally used in rooms where the temperature can be expected to rise rapidly in case of a fire, or in places where smoke detectors cannot be used. The 6000 series heat detectors are intended for outdoor or indoor use in high humidity areas.

Fixed Temperature Alarm Level

The 6000 series detectors are conventional fixed temperature heat detectors, i.e. they will give an alarm within a response temperature range in accordance with EN54-5. The sensing element is a heat pick-up shield and a bimetal switch. An LED on the detector lights up when the detector activates. All detectors support an output for a remote indicator.

The following types are available (static response temperature, class & EN54-5 temperature range):

- 6295, 57°C, class A2 S (54 to 70°C)
- 6296, 72°C, class B S (69 to 85°C)
- 6297, 87°C, class C S (84 to 100°C)
- 6298, 117°C, class E S (114 to 130°C)

Operation

All detectors are latching, i.e. they will not be automatically reset if the temperature, after the alarm, falls below the detector's static response temperature. The detector's LED and a connected remote LED will be lit until the detector is reset via the C.I.E.

Installation

All electronic components are mounted in a grey waterproof detector housing and fitted to the supplied connection box. The connection box has three cable inlets. Three compression glands and a silicon gasket for IP67 protection are supplied with the product.

All detectors are provided with three pairs of flying leads with female push-on connectors to connect the zone line cables (in / out) and the remote indicator.



Detalhes

- Fixed temperature alarm level
- Waterproof (IP67)

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Especificações técnicas

Geral

Status indication	LED
Compatibility	Conventional systems
Níveis de alarme	1
Connectivity	2-wire zone

Elétrica

Power supply type	Zona alimentada
Tensão de operação	12 to 30 VDC (24 VDC)
Current consumption	0 mA (Quiescent) 6 to 40 mA ($\pm 400 \Omega$) (Alarm, Internal Resistance)
Nr. de condutores	2

Deteção

Detection principle	Bi-metal plate
Zone length	Controller specific

Saída

Output quantity	1
Output type and rating	Remote indicator, < 10 mA @ Supply - 2 VDC

Físico

Physical dimensions	100 x 75 mm (\varnothing x D)
Peso líquido	216 g
Colour	Cinzentos
Mounting type	Montagem na base
Cable entries	2
Materiais (caixa)	Policarbonato modificado

Ambiental

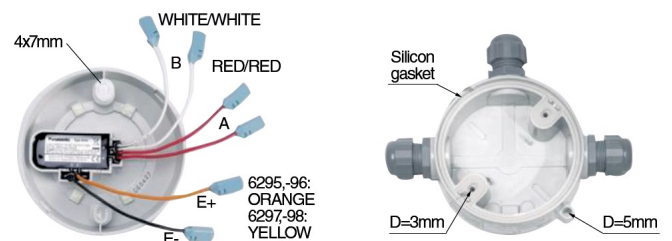
Vandal proof	No
Temperatura de operação	-40°C (min.), +55°C (nom.), +80°C (max.)
Temperatura de armazenamento	-45 to +70°C (min., max.)
Environment	Interior, Exterior
IP rating	IP67

Regulamentação

Compliance	CE, REACH, RoHS 3, WEEE
Certification	CPR
Standards	EN54-5

Detection

Static response temperature	87°C
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