

# 6295

## Detetor Térmico 57°C Convencional em Caixa IP67, Classe A2S

### General

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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

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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 A2S (54 to 70°C)
- 6296, 72°C, class BS (69 to 85°C)
- 6297, 87°C, class CS (84 to 100°C)
- 6298, 117°C, class ES (114 to 130°C)

### Operation

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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

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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

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- State of the art detector for highest safety
- Waterproof (IP67) for outdoor use or in humid areas
- High temperature range for difficult environments
- Fixed temperature alarm level

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### Especificações técnicas

#### Geral

Indicação de estado	Red LED
Compatibilidade	Conventional systems
Níveis de alarme	1
Conetividade	2-wire zone

#### Elétrica

Tipo de fonte de alimentação	Zona alimentada
Tensão de operação	12 to 30 VDC (24 VDC nom.)
Consumo de corrente	0 mA (Quiescent) 6 to 40 mA ( $\pm 400 \Omega$ ) (Alarm, Internal Resistance)
Nr. de condutores	2

#### Deteção

Princípio de deteção	Bi-metal plate
Comprimento da zona	Controller specific

#### Saída

Quantidade de saídas	1
Tipo de output e operação	Remote indicator, < 10 mA @ Supply - 2 VDC

#### Físico

Dimensões físicas	100 x 75 mm ( $\emptyset$ x D)
Peso líquido	133 g
Cor	Cinzento
Tipo de montagem	Montagem na base
Entradas para cabos	2
Materiais (caixa)	Polycarbonato modificado

#### Ambiental

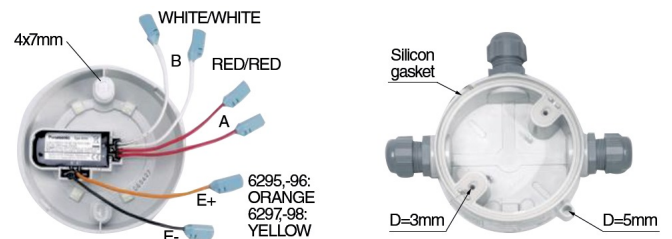
À prova de vandalismo	Não
Temperatura de operação	-40 10 110°C
Temperatura de armazenamento	-45 to +70°C
Humidade relativa	< 95%
Ambiente	Interior, Exterior
Classificação IP	IP67

#### Regulamentação

Conformidade	CE, REACH, RoHS 3, WEEE
Certificação	CPR
Voluntary marks	VdS
Standards	EN54-5

#### Detection

Static response temperature	57°C
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