6297

Enclosed Conventional Heat Detector, Weatherproof IP67, 87°C, Class 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 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

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 componets 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.



Détails

- 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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Spécifications techniques

Général

Indication d'état	Red LED
Compatibilité	Conventional systems
Niveaux d’alarme	1
Connectivité	2-wire zone

Électrique

Type de bloc d’alimentation	Zone alimentée
Tension de fonctionnement	12 to 30 VDC (24 VDC nom.)
Consommation de courant	0 mA (Quiescent) 6 to 40 mA (±400 Ω) (Alarm, Internal Resistance)
Nbre de fils conducteur	2

Détection

Principe de détection	Bi-metal plate
Longueur de la zone	Controller specific

Sortie

Quantité des sorties	1
Type de sortie et classe	Remote indicator, < 10 mA @ Supply - 2 VDC

Caractéristiques physiques

Dimensions physiques	100 x 75 mm (Ø x D)
Poids net	133 g
Couleur	GrisGris
Type de montage	Assemblage sur socle
Entrées de câble	2
Matériel (boîte)	Polycarbonate modifié

Environnement

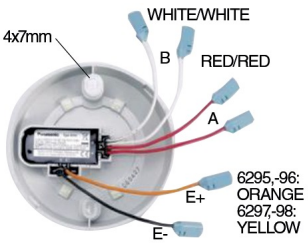
Protégé contre le vandalisme	Non
Température de fonctionnement	-40 10 110°C
Température de stockage	-45 to +70°C
Humidité relative	< 95%
Environnement	Intérieur, Extérieur
Indice de protection	IP67

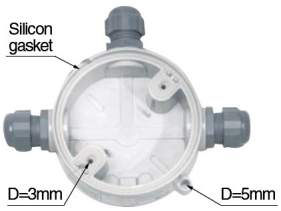
Régulateur

Conformité	CE, REACH, RoHS 3, WEEE
Certification	CPR
Voluntary marks	VdS
Normes	EN54-5

Detection

Static response temperature	87°C





EDWARDS
Built for Resilience

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