

# 6298 Enclosed Conventional Heat Detector, Weatherproof IP67, 117°C, Class ES

#### 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 EN54-5:2000. The sensing element is a heat pick-up shield and a bimetal switch. An LED on the detector (not available on the 6298) will light 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):

•26295, 57°C, class A2 S (54 to 70°C) •26296, 72°C, class B S (69 to 85°C) •26297, 87°C, class C S (84 to 100°C) •26298, 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 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.



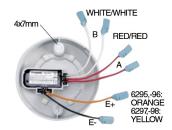
#### **Details**

- Fixed temperature alarm level
- Waterproof (IP67)

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### **Technical specifications**

Comment and the	
Current consumption	0 mA (Quiescent) 6 - 30 mA ( $\pm$ 680 $\Omega$ ) (Alarm, Internal Resistance)
Physical	
Physical dimensions	100 x 75 mm (Ø x D)
Net weight	216 g
Colour	Grey
Size Ø x h (incl. base)	100 x 75 mm
Weight	216g
Construction	Modified Polycarbonate
Colour	Grey
Environmental	
Operating temperature	-40 (min) / +55 (nom) / +80°C (max)
Storage temperature	-45 to +70°C
Environment	Indoor, Outdoor
IP rating	IP67
IP rating	IP67
Static response	117°C
temperature	
Demulaterry	
Regulatory	
Certification	EN54-5
Supply	
Range (Nom)	12 - 30 VDC (24 VDC)
Current consumpti	
Quiescent	0 mA
Alarm (internal	6 - 30 mA (±680Ω)
resistance)	
Remote indicator	
Supply	Supply-2VDC
Current (max)	10 mA
Temperature	
Operating (min / nom /	-40 / +85 / +110°C
max)	
Storage (min / max)	-45 / +70°C
Approvola	
Approvals Certification	EN54:5, CE, CPD







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