

# 6295 Enclosed Conventional Heat Detector, Weatherproof IP67, 57°C, Class A2S

#### 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.

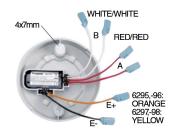


#### **Details**

- Fixed temperature alarm level
- Waterproof (IP67)

## **Technical specifications**

Electrical	
Operating voltage	12 to 30 VDC (24 VDC)
Current consumption	0 mA (Quiescent)
	6 to 40 mA (±400 Ω) (Alarm, Internal
	Resistance)
Physical	
Physical dimensions	100 x 75 mm (Ø x D)
Net weight	216 g
Colour	Grey
Material (body)	Modified polycarbonate
Environmental	
Operating temperature	-40°C (min) / +25°C (nom) / +50°C (max)
Storage temperature	-45 to +70°C
Environment	Exd, Indoor, Outdoor
IP rating	IP67
Static response	57°C
temperature	
Regulatory	
Certification	CENELEC/ATEX, EN54-5
Remote indicator	
Supply	Supply-2VDC
Current (max)	10 mA
Approvals	
Certification	EN54:5, CE, CPD
ATEX Classification	II 3 G Ex ic IIC T5 Gc, II 3 D Ex ic IIIC T100°C Dc
	-40°C ≤ Ta ≤ 50°C / EN 60079-0:2009, EN
	60079-11:2012







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