

ATEX A1R Heat Detector APOLLO ORB-HT-51145-APO

Suitable for use in hazardous areas. Intrinsic Safety (IS) detector. Approval to EN54-5:2000.

Rate-of-rise detector measures the rate of increased temperature and uses algorithms to determine if there is a fire. A fire might thus be detected at an earlier stage than with a static detector.

The detector is designed so that it cannot ignite an explosive mixture.

Specifications

Voltage: 14 - 28 VDC (Min. 'detector active' 12V)
Current

Stand-by: 80 μ A (@24 VDC)

Alarm load: 325 Ω

Environment

Temp.: -40 to +70 °C. See classification for use

Humidity: 0% to 98% (non-condensing)

Dimensions(HxD)/Weight: 42x $\varnothing$ 100 mm / 70 g

Dimensions(HxD)/Weight with base: 50x $\varnothing$ 100 mm / 130 g

Material /Colour: Polycarbonate/White

**Classification**

II 1 G Ex ia IIC
- 40°C < Ta < +40°C (T5)
- 40°C < Ta < +60°C (T4)

Approval

CE: 0832-CPD-0469

ATEX-Baseefa 06 ATEX 0007X

IECEX-IECEX BAS 06.0002X

Marine type approval standards

American Bureau of Shipping (ABS)

Bureau Veritas (BV)

Det Norske Veritas (DNV)

Germanischer Lloyd (GL)

Lloyds Register (LR)

Marine & Coastguard Agency (MCA)

Standards

EN54-5:2000 Heat detector

EN61000-6-3, EN50130-4, Electromagnetic compatibility

ATEX-related standard

BSEN60079-0:2000

IEC60079-0:2004

EN50020:2002

EN/BSEN/IEC60079-26:2004

Document: 540222 ATEX Detector Apollo
ORB-HT-51145-APO

Product:

Electronics

Id: **mrp**

Rev: **06.12.06**

Text



FIRE EATER 1/2

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