

DATASHEET

DCD-1E-IS(WHT)

Conventional Intrinsically Safe Heat Detector

MAIN FEATURES

- Conventional Intrinsically Safe Heat Detector
- Grade A1R

TECHNICAL SPECIFICATIONS

Power supply

Power supply type	Zone powered
Operating voltage	15 to 30 VDC
Current consumption	50 µA (quiescent) < 50 mA (alarm)

Inputs / outputs

Zone length	Zone configuration dependent
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Physical characteristics

Physical dimensions	100 x 40 mm (Ø x H)
Net weight	97 g
Colour	White
Mounting type	Base mount, Ceiling mount
Material (body)	ABS

Environmental characteristics

Operating temperature	-10 to +55°C
Storage temperature	-30 to +70°C
Relative humidity	<95% noncondensing @ 40°C
Environment	Indoor, IS
Hazardous environment rating	II 1G EEx ia IIC T5 Tamb=55°C
IP rating	IP63

Other characteristics

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TECHNICAL SPECIFICATIONS

Status indication	LED
User interface	LED
Compatibility	Aritech, Kilsen & Ziton conventional zone interfaces
Connectivity	2-wire zone
Detection principle	Termistor
Monitoring	Open circuit, Short circuit
Rate-of-rise	Yes
Functional marking	BASEEFA Rating
Vandal proof	No
Compliance	CE, REACH, RoHS 2
Certification	CENELEC/ATEX, EN54-5
Category	Reference
Detection device	YBN-R/4IS(WHT)