DTD-210
Conventional heat detector

Description

The 200 series of conventional detectors has been developed using the most innovative technical advances. Its completely new design makes the 200 series one of the most elegant on the market, ideal for facilities in which the balance between functionality and aesthetics is necessary.

Detnov's 200 range of conventional detectors is made up of 4 detector types, all of them available with and without isolator. There are a 58ºC rise-of-rate detector, a 78ºC heat detector, an optical detector and an optical-heat detector. All of them are compatible with Detnov's CCD-100 and ECO families of conventional control panels.

The DTD-210A rise-of-rate detector detects a quick temperature increase in a fixed period of time, or a temperature higher than 58ºC. In both cases the detector will go into alarm status, and the detector's integrated LED will light up. The temperature control is carried out through a thermistor which is controlled by a circuit, based on the most advanced technology.

The 200 series detectors require the Z-200 base in order to connect. This connection base includes a blocking option which avoids it being tampered with. A tool is needed to remove the detector from the base.

Detectors in this series have non-polarity technology, facilitating system wiring and saving a huge amount of time in commissioning the system.

Available in black color: DTD-210-B

Features

o   Elegant design and low profile
o   Heat and rise-of-rate function
o   58 ºC static alarm function
o   Two-wire connection without polarity
o   Remote indicator port
o   Compatible with any conventional control panel
o   EN 54-5 approved

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Applications

Detnov's complete range of 200 series detectors allow reliable fire detection thanks to its advanced analysis technology. Depending on the risk to be protected, you will have to choose the topology of the sensor of the detector, you can choose between: optical, thermal, thermovelocimetric or the combination of said sensors. Detnov's fire detector has been developed to ensure a quick reaction to fires, meeting the highest quality standards and certification required in the market. A unique reliability when detecting and protecting installations to reduce false alarms, being suitable for the most demanding applications.

Technical features

Detector		
	Loop features:	
	Operating voltage:	From 9 to 38VDC
	Quiescent current consumption :	< 100 µA
	Alarm current consumption:	< 100 mA
Connections		
	2 x 1.5 mm2 twisted and shielded cable to Z-200 base	
Environment		
	Operating temperature:	From -10ºC to +70ºC
	Relative humidity:	95% without condensation
	IP Index:	IP20
Physical features		
	Head (height x Ø):	40 mm x 100 mm
	Base (height x Ø):	5 mm x 100 mm
	Material:	ABS
Approvals		
	EN 54-5	
	Certificate number:	0370-CPR-0859

Dimensions

40mm

100mm

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