

DT713-5R

Rivelatore termico/termovelocimetrico convenzionale serie 700 con uscita relè

General

The 700 series conventional detector line includes a range of temperature detectors:

- The DT713-5 is a class A2 temperature detector with a fixed temperature threshold of 57°C and built in rate-or-rise functionality.
- The DT713-5R has the same specifications as the DT713-5, but in addition includes a built in potential free changeover relay
- The DT713-7 is a class B temperature detector with a fix temperature threshold of 70°C and built in rate-or-rise functionality.

Preventing false alarms with self diagnostics

700 Series detectors continually monitor their own sensitivity and operational status. Once a day they perform a full diagnostic test that includes dynamically testing the sensing chamber and internal electronics. Any abnormal statuses are reported locally on a fault LED on the detector, and signalled back to a compatible CIE.

The detector base

Every 700 series base features a continuity link between LINE IN (1) and LINE OUT (2) terminals of the conventional detector circuit. The base is supplied with the link in closed position. The link is enabled by default allowing you to check the zone wiring using only the bases. The link will automatically disconnect when a detector is inserted, allowing the panel to generate a fault message when the detector is removed.



Dettagli

- Automatic self diagnostics: Dynamic full detector and sensitivity test
- High false alarm immunity
- Built-in relay option
- Separate fire and fault LED
- 12 to 24 VDC operation
- Polarity insensitive
- Part of a full range: optical, heat and optical/heat multi criteria detectors
- EN54 approved and CPR certified

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Specifiche tecniche

Generale

Indicazione stato	Red LED (alarm), Yellow LED (fault)
Interfaccia utente	LEDs
Compatibilità	Aritech conventional systems & Aritech conventional ZMUs
Tensione di reset	<2.5 V
Reset time	1 s
Alarm levels	1
Connettività	2-wire zone & relay

Elettrico

Tensione di esercizio	8.5 to 33 VDC
Current consumption	100 µA (quiescent at 24 VDC) <60 mA (in alarm at 24 VDC)

Rivelazione

Principio di rilevamento	Heat
Sensibilità	Class A2
Zone length	Cable dependent
Alarm temperature (typical)	+57°C ± 1.5°C
Tasso di incremento	8°C/min above 40°C

Uscita

Quantità in uscita	1
Output type and rating	Potential free relay, NO / COM / NC, 2 A at 30 VDC, 1 A at 120 VAC
Programmabile	No

Fisico

Physical dimensions	100 x 50 mm (Ø x H)
Net weight	87 g
Colore	Bianco nuvola (RAL 9001)
Tipo di montaggio	Montaggio a soffitto
Material (body)	Plastica

Ambientale

A prova di vandalo	No
Temperatura operativa	-10 to +60°C
Storage temperature	-10 to +70°C
Temperatura ambiente	+25°C
Umidità relativa	0 to 95% noncondensing
Environment	Interno
IP rating	IP43

Regolatorio

Conformità	CE, REACH, RoHS 2, WEEE
Certificazioni	CPR
Standards	EN54-5

Prodotti compatibili

Categoria	Riferimento	Descrizione
Dispositivo di rivelazione	DB702	Base con 6 terminali per serie 700.
Dispositivo di rivelazione	DB702U	Base diametro 15 cm. - 6 terminali



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