DA802 ADDRESSABLE HEAT DETECTORS

REDBAN
Fire and Gas Control Systems

Solution 2 Addressable heat detector series is specially designed to detect heat caused by fire in the environment and transmit the detection information S2 panels on CDS2 protocole

All detectors are certified by EN54 standard, which is the European standard (EN54-5 for heat detector and EN54-17 for short-circuit isolator).

The DA802 heat detectors are highly effective for reporting fires early by detecting heat in slow-starting fires, thus preventing the fire from spreading. These heat detector models share similar technical specifications. However, they differ in appearance.

The DA802 heat detector is class A1 heat detector. It detects temperature increases in the environment, indirectly preventing fires. Additionally, it can detect temperature increases in fires caused by explosions and react earlier than smoke detectors.

Features

- Robust and aesthetic PC/ABS case
- Microprocessor based design
- Double sided light path indicator
- Self calibration
- Eliminate false alarms
- Led indicator output
- Class A1 heat perception
- Programmable by RB1201 address programmer
- Programmable address information in nonvole tile memory
- EN54-5 & EN54-17 Certified

Certificates:

EN 54-5

EN 54-17

Applus⊕

United Arab Emirates
Ministry of Interior
Directorate General of Civil Defence - Dubai

Top Techno Fire & Safety Co. LLC

TECHNICAL SPECIFICATIONS

	DA802
DESCRIPTION	Heat Detector
STANDARDS	EN54-5/17
LOOP OPERATING VOLTAGE	16 - 30 Vdc
LOOP OPERATING CURRENT	<200µA @ 24 Vdc
MAXIMUM ALARM CURRENT	<4 mA @ 24 VDC (LED on)
ADDRESSING MODE	Manual Addressing

SPECIFICATIONS

SYSTEM WIRING	1,5 mm² 2 core loop
AREA COVERAGE	50 m²
MOUNTING POSITION	Ceiling Mount
MOUNTING BASES	DT102, DT202, ST805
HEAT CLASS	A1
INDICATION	360° visibily led indicator
SENSITIVITY	N/A

ISOLATOR SPECIFICATIONS

ISOLATOR TYPE/SWITCH CURRENT	N/A
ISOLATOR RECONNECT/LEAKAGE CURRENT	N/A
STANDBY CURRENT/SERIAL RESISTANCE	N/A

ENVIRONMENTAL SPECIFICATIONS

HUMIDITY	10% - 93% Relative Humidity
	Non-condensing
OPERATING TEMPERATURE	-10°C - 50°C
ENVIRONMENTAL CATEGORY	IP21

PHYSICAL SPECIFICATIONS

CASE MATERIAL	PC/ABS Case
DIMENSIONS (H x D)	45 x 103 mm
WEIGHT	140 grams

COMPATIBILTY

AP104 ADDRESSABLE FIRE PANEL	No
AP204 ADDRESSABLE FIRE PANEL	Yes
AP304 ADDRESSABLE FIRE PANEL	No

103,00

45,00