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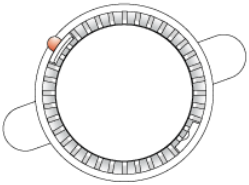
Fire/smoke detector
DH-BUS – V1.2

BUSing®
BUSing®



General description

The smoke sensors, optical sensors are designed to be placed in areas where smoke is not usual, such as corridors, rooms, etc. This kind of detectors detect the fire because they are able to detect smoke.

They are also installed if the installation of thermovelocimetric detectors is not possible. This can be the case of areas where smoke exists and it is not possible to wait till the temperature exceeds the critical value of the thermovelocimetric detector. The sensor is designed to use wired BUSing® connection.

Capacity

Two programmable scenes are available for each detection status, being possible to program up to 30 BUS events for activation and other 30 BUS events for deactivation.

It is recommended to connect the device to the KCTr sensors bus. In case of going beyond 150mA of consumption due to the amount of sensors connected, connect to the BUS.

Technical information

Supply – 9-16 Vdc from BUS

Consumption – 160 µA (off) / 25 mA (on) @ 12Vdc

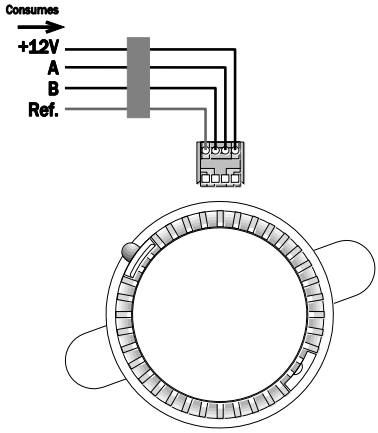
Mounting - Surface mounted on ceiling.

Size – 60 x 85 x 58 mm

Environment temperature range - Operation: from -10ºC to 55ºC / Storage: from -30ºC to 60ºC / Transportation: from -30ºC to 60ºC.

Regulation - According to the directives of electromagnetic compatibility and low voltage •EN 50090-2-2 / UNE-EN 61000-6-3:2007/ UNE-EN 61000-6-1:2007 / UNE-EN 61010-1.

Installation



BUSing®

Remarks

-Feed low voltage lines (BUS and inputs) in separate ducting to that of power (230V) and outputs.

-Use flexible shielded 4 wires x 0,22 mm^2 cable for the BUS.

-Follow a colour code for the BUS. Our ref: red +12V, yellow: A, green: B, black: ref.

QR-Code

Ingenium, Ingeniería y Domótica S.L. – Parque Tecnológico de Asturias, Parcela 50 – 33428 Llanera – Asturias – Spain
T +34 985 118 859 – F +34 984 283 560 - ingeniumsl@ingeniumsl.com - www.ingeniumsl.com