Intelligent Wall Mounted UV IR2 Flame Detector

Features

- Sensitive to UV and low frequency flickering IR radiation emitted by flames during combustion
- Compact flame detector fits standard
- Explosion proof housing
- False alarms due to electrical discharges from lightning or arc welding and flickering sunlight are minimised

Description

S600-ExIR2-UV point type infrared / UV flame detector contains two infraredwavelength sensors and a highly sensitive imported UV/ultraviolet sensor and opticalfilter. The ultraviolet sensor can respond to ultraviolet radiation at the moment of fireand explosive ignition. The other two infrared sensors, one has the highest sensitivity tothe CO2 emission spectrum (4.4μm), and the other interferes with ambient light andheat radiation For detection, the detector makes a composite judgment on theultraviolet and infrared signals generated in the event of a fire, and performs multi-signal processing in conjunction with the logical comprehensive judgment of the flameflicker frequency to minimize false alarms and the best fire detection performancerequired. The flame detector has an early warning function for the fire of organicmaterials such as hydrocarbons and the fire of inorganic materials.



Intelligent Wall Mounted UV Dual IR Flame Detector

Technical Parameters:

Response spectral range	4.4μm, 3.8μm, 185-260μm
Response time	2s
Viewing angle range	≤110 °
Detection distance	Class I
Ambient temperature	-10 ~ 55 ℃
Environmental humidity	≤95% RH
Pressure range	86 ~ 106Kpa
Working voltage	DC24V
Working current	current≤25mA, alarm current≤35mA
Executive standard	GB15631-2008, GB12791-2006
Explosion-proof grade	EXd II CT6
Protection grade	IP66
Signal output	Switching relay contact output, RS-485 (built-in DIP switch, can set the address of the detector)
Installation method	wall or ceiling
Cable outlet thread	20mmX1.5mm free conversion G1 / 2 optional
Dimensions	(190X160X110) mm
Shell material	die-cast aluminum
Weight	1Kg
Advantages	dustproof, explosion-proof, corrosion-proof

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