XGF-C406

Wired Smoke Detector

XTREME GUARD

Overview

The XGF-C406 is a dual-configuration wired smoke detector built for both 2-wire and 4-wire fire alarm systems. Designed for accuracy, efficiency, and compatibility, this detector features a photoelectric sensing chamber for fast smoke detection and is compliant with EN54-7:2008 standards. Its reliable performance and CE certification make it ideal for a wide range of commercial and residential fire safety installations.

This unit supports a wide input voltage range (DC 9V–35V) and provides low standby power consumption, enhancing long-term reliability and energy efficiency.

Key Feature

2-Wire or 4-Wire Configuration:	Flexible installation options
High Detection Sensitivity:	0.08–0.16 dB/m
Wide Operating Voltage:	DC 9V–35V for compatibility with various systems
Low Power Usage:	Efficient standby and alarm current ratings
Compliant & Certified:	CE approved and conforms to EN54-7:2008
Robust Build:	ABS material ensures durability and reliability

Application

Perfect for residential complexes, office buildings, schools, hospitals, commercial stores, and industrial areas, the XGF-C406 delivers reliable, standards-compliant smoke detection for both new and existing wired alarm systems.

Specification

Model Number:	XGF-C406
Operating Voltage:	DC 9V–35V
Standby Current:	• 2-Wire: ≤50μA • 4-Wire: ≤50μA (NO), ≤16mA (NC)
Alarm Current:	• 2-Wire: 20–50mA @12V / 40–50mA @24V • 4-Wire: ≤40mA (NO), ≤20mA (NC)
Sensitivity:	0.08–0.16 dB/m
Alarm Indicator:	Red LED
Operating Temperature:	0°C ~ 50°C
Operating Humidity:	≤95% RH (non-condensing)
Material:	ABS
Dimensions:	⌀99 × H46.8 mm
Wiring:	2-wire or 4-wire option