

ELECTRICAL FIRE MONITORING SYSTEM

Industry First - Predictive Fire Monitoring System
Equipment safety early warning system
Comply with GB 28184-2011

- Electrical Fire Monitoring Panel (EFMP)
- Electrical Fire Monitoring Detector (EFMD)
- Residual Current Transformer (RCT)
- Temperature Sensing Probe (TSP)



SSDH-J620
Electrical Fire Monitoring Panel



SSDH-S618
Monitoring Detector

SYSTEM INTRODUCTION

The **Electrical Fire Monitoring System** is introduced by System Sensor, designed on GB28184-2011 standard is a low voltage equipment safety early warning system which monitors the leakage current and change in temperature of the building equipment's & thus reduces the risk of hazardous fire occurring due to temperature variation & current leakage.

The system is characterized by reliability, digitalization, intelligent, network-based, automation and monitoring in succession, can detect the leakage

current & change in temperature of the monitored equipment's, display intensively & ensure the safety and reliability of Fire Fighting joint control system.

SSDH-J620 PANEL

SSDH-J620 is the Electrical Fire Monitoring Panel, characterized by multiple functions, highly reliable and simple to use. The system is composed of current circuit, temperature change, communication port and display circuit. SSDH-J620 is a 5 circuit system with a

communication distance of 1200 meters per circuit and a maximum of 255 detectors per circuit.

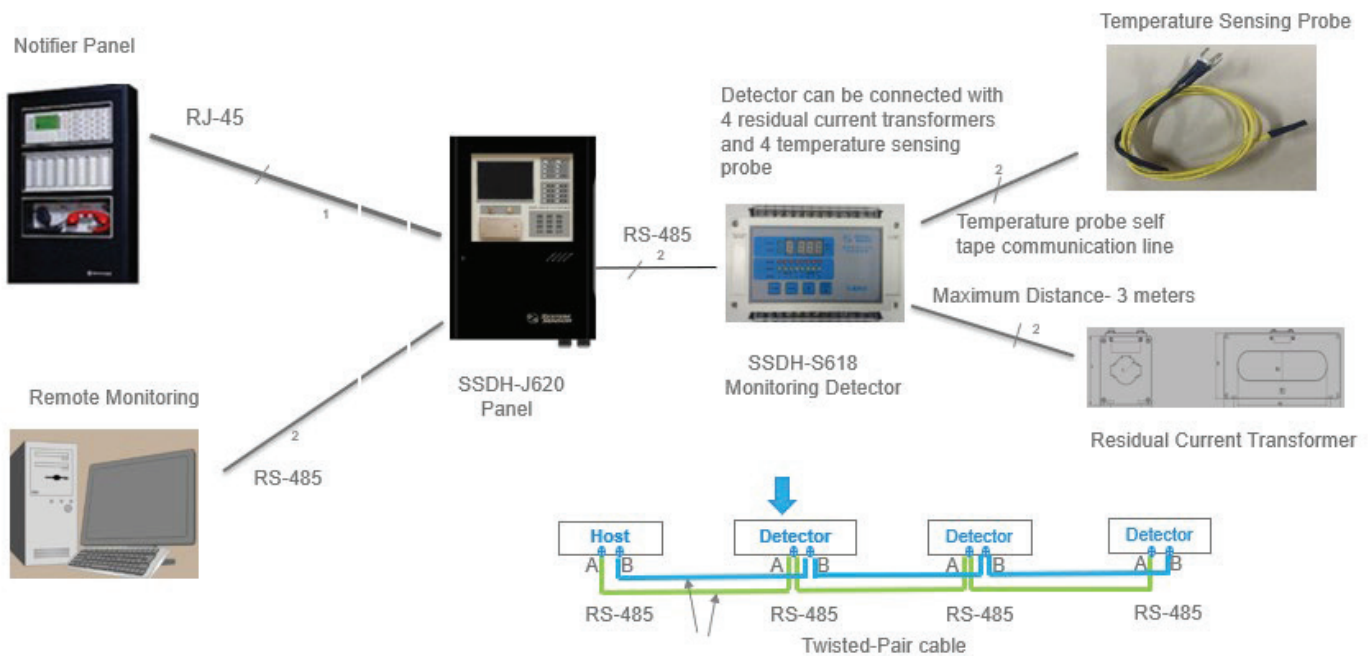
MONITORING DETECTOR

Monitoring detector detects the change in temperature & leakage current through Residual Current Transformer & Temperature Sensing Probe connected to it. Maximum distance between RCT & Monitoring detector is upto 3 meter

Panel Specification

Panel Model no	SSDH -J620
Maximum Detector Capacity	1275 (255 x 5 circuit)
Mode of Communication	RS-485 bus
Circuit Length	1200 meters
Residual Current Alarm Value	30-999mA continuous adjustable: adjusting precision 1mA
Temperature Alarm Value	80 °C (fixed temperature)
Event Log	10000
Print Function	In-Built Thermal Printer
Power Supply	AC220V/50Hz
Operating Temperature	Temperature range of 0 ~ 45 °C, humidity < 95%, without any condensation
Battery Back-up	Two DC12V/4.5Ah lead-acid batteries back for power back-up
IP Rating	IP30
Dimensions	372mm x 625mm x 133mm

System Architecture

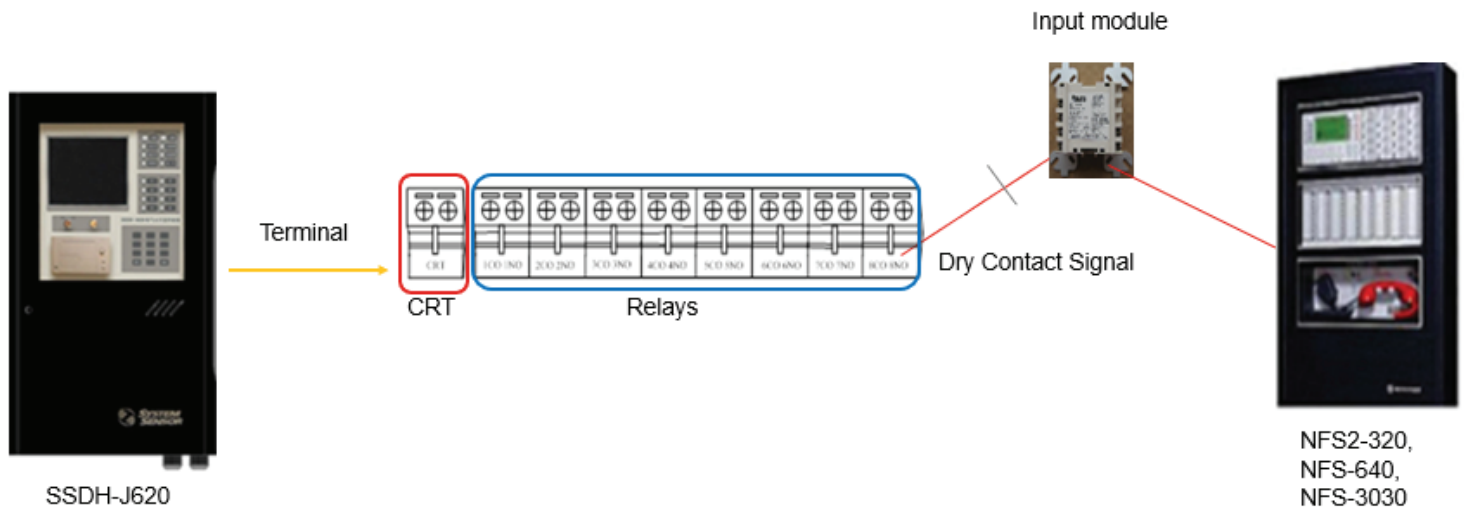


Monitoring Detector Specification

Model No	SSDH-S618
Operating Temperature	0°C ~ 55°C
Storage Temperature Range	-10°C ~ 65°C
Operating Humidity	5% ~ 95% without any condensation
Input Power Supply	~AC220V 50Hz
Communication Mode	RS-485 bus
Relay Capacity	24V DC/1A
Address Setting	1-255nos
Alarm Action Value Setting	Threshold: 30 - 999mA adjustable, Temperature: 80 degrees centigrade
Password Protection	Yes- To change any set configuration
Liquid Crystal Digital Tube	Displays real time leakage in current or temperature change
Display Mode	LED Indication
Self Test Mode	Checks all indicator LED lights, in-built buzzer & displays real time event
Mute Button	Available
Overall Dimensions	155mm × 110mm × 60mm
Installation Mode	Wall mounting

INTEGRATION WITH FIRE PANEL

EFM System can be integrated with Fire Alarm & Detection System through dry contact



For more information,

www.honeywellbuildings.in
 Call: 1-800-103-0339
 Email: HBT-Indiabuildings@honeywell.com

Honeywell HBT India Buildings

Unitech Trade Center, 5th Floor,
 Sector-43, Block C, Sushant Lok
 Phase - I, Gurgaon - 122 002.

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