



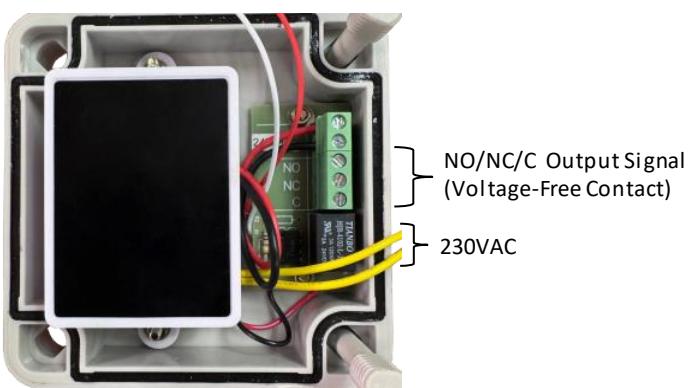
## Smoke Detector DET-C631-AHU

### Overview

An AHU Smoke Detector is a stand-alone smoke detection device installed near an Air Handling Unit (AHU) to monitor for smoke in the air circulation. This detector will detect the presence of smoke and send out a signal to the Building's Ventilation System for shut-down during a fire. In summary, an AHU smoke detector is a crucial safety device ensuring early smoke detection and enhancing fire safety in buildings.



Technical Specifications	Smoke Detector Model : DET-C631-AHU
Input Voltage	230VAC
Detector Rated Voltage	24VDC
Operating Voltage	9.6 VDC to 30 VDC
Quiescent Current	≤ 65uA
Alarm Current	18 to 22mA (Typical 20mA)
Maximum Air Velocity	7.6 m/s
Weight	415 gram
Operating Temp. Range	-10°C to +50°C
Relative Humidity	95%RH, Non Condensing @ 40°C
Alarm LED Indication	Red ( Continuous )
Normal LED Indication	Green ( Blinking )
Ingress Protection	IP42
Material of Body	ABS Plastic
Standards	EN54-7 (For Smoke Detector, LPCB Approved)



TYPICAL TERMINATION DIAGRAM



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CERT NO: 20011.0321

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