



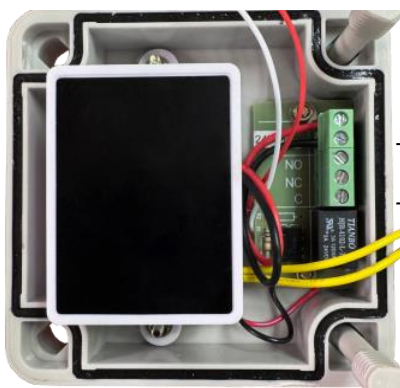
### Smoke Detector DET-C631-AHU

#### 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<br>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<br>(For Smoke Detector, LPCB Approved) |



NO/NC/C Output Signal  
(Voltage-Free Contact)

230VAC



**TYPICAL TERMINATION DIAGRAM**

Another Quality Product by :-

**MULTRON®**  
www.multron.com

**Multron Systems Pte Ltd**  
217 Kallang Bahru, Multron Building  
Singapore 339 347

+65 6395 6868



CERT NO: 2001.L.0921  
ISO 9001:2015



Info@multron.com



+65 6395 6869

#### DATA SHEET

Copyright © The information contained in this Data Sheets remains the property of Multron Systems Pte Ltd, and is not to be altered or reproduced without permission.

Multron reserves the right to change any specification without prior notice.

Ver : 16-01-25