



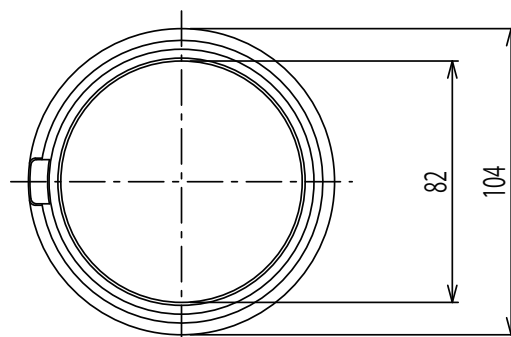
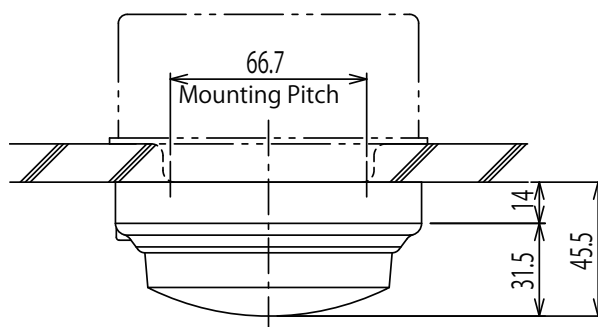
### ■ Description

The rate-of-rise heat detector, Model SC series, is designed to sense the rapid or abnormal rise in temperature of air. If the ambient temperature rises rapidly, the air in chamber expands, and the air in chamber cannot escape. But a slow rise of temperature allows the air to escape through a calibrated bleed hole, therefore, giving advanced warning of excessive heat build up.

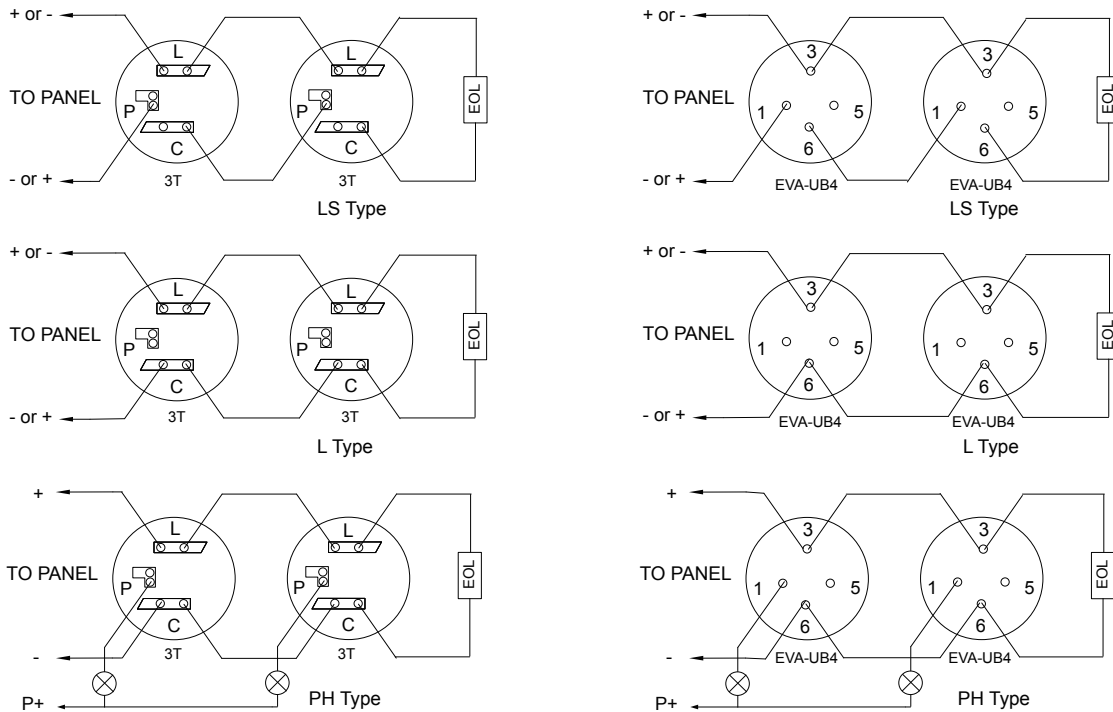
### ■ Features

- High quality components are fitted for greater reliability
- Universal base for interchange ability with 2KH2-LS and 1CD70-LS reducing cost of stocks
- Indication lamp lights when detector is activated
- The sensing chamber is electrically insulated
- Self-resetting and requires no replacement of internal elements - reduces maintenance costs

### Dimensions



## ■ Wiring



**Typical 2-Wire Initiating circuit configuration**

Wiring differs depending on Panel's specifications. Refer to the installation manual of the panels connected.

## ■ Specifications

Specifications	2SC-LS	2SC1-L	2SC1-PH
Detector Removal Monitoring	Available	-	-
Terminal for Remote Indicator	-	-	Available
Alarm Indication Latching Function	-	-	Available
Label Language	English	Japanese	Japanese
Base	3T, EVA-UB4	3T, EVA-UB4, B2-C	3T, EVA-UB4, B3-J
Detector Element	Heat sensing air chamber composed with diaphragm		
LED Indicator	Red LED illuminates in an alarm condition		
Rated Voltage	24 VDC		
Monitoring Current	None (0 mA)		
Rated Contact Capacity	50mA@30VDC	50mA@30VDC	165mA@30VDC (L-C:65mA P-C:100mA)
Sensitivity	15 sec (nominal) * * When exposed in air stream of 0.85m/sec and 30°C higher than ambient temperature		
Ambient Installation Temperature	-10°C to +50°C		
Dimensions	φ 104 mm x H 31.5 mm (Detector head only) φ 104 mm x H 45.5 mm (with 3T base)		
Weight	Head : 110g Base : 45g		

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All specifications are subject to change without any notice.  
For more information, contact with NITTAN.

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