



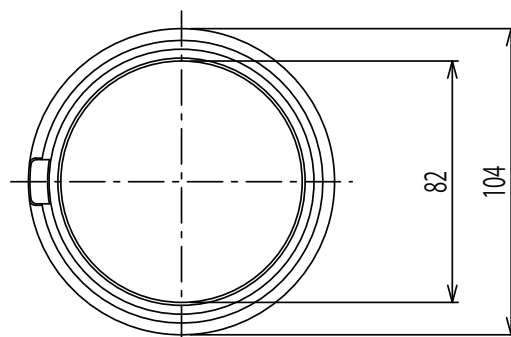
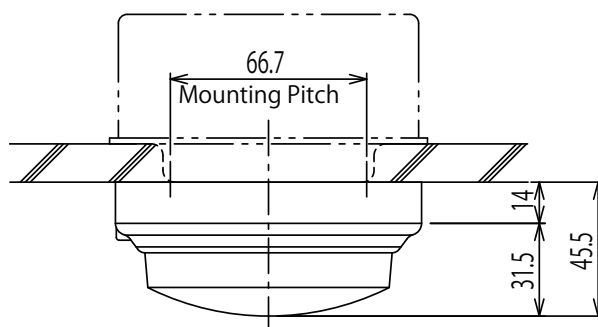
■ Description

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.

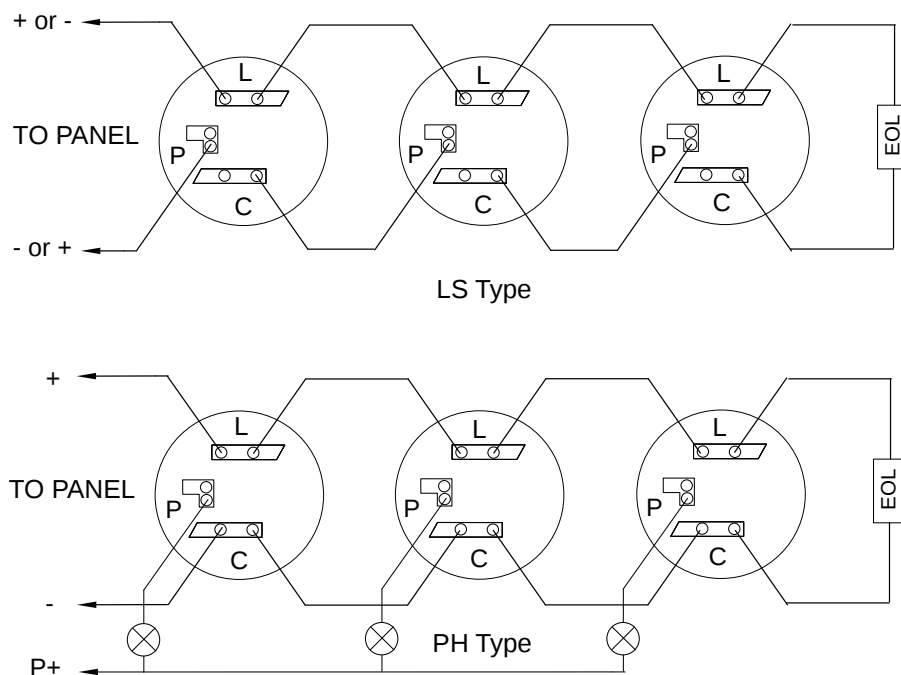
■ Features

- High quality components are fitted for greater reliability
- Universal base for interchangeability 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-PH
Detector Removal Monitoring	Available	-
Terminal for Remote Indicator	-	Available
Alarm Indication Latching Function	-	Available
Label	English	Japanese
Base	3T	B3-J
Detector Element	Heat sensing air chamber composed with diaphragm	
LED Indicator	Red LED illuminates in an alarm condition	
Rated Voltage	24 VDC	
Rated Contact Capacity	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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