101-294

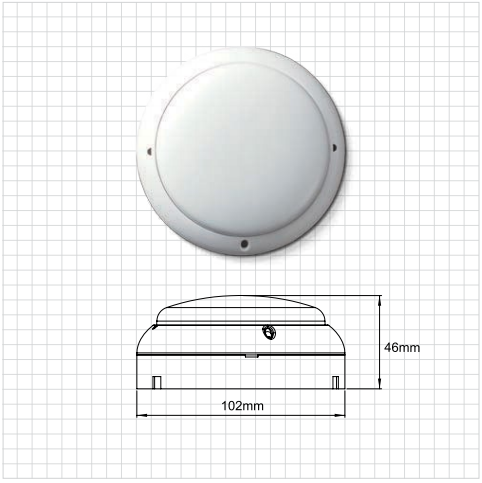
AH-0933

Mechanical Rate of Rise Heat Detector

Characteristics

- Detector is made of high endurance, solid and colorfast Fire-proof plastic.
- Non-loosening screws on base terminal for easy installation.
- The unit is completely sealed; its function is not affected by humidity, dust or insects.
- This detector has passed strict quality control and repetitive testing, hence its quality is stable and highly reliable.

Approvals: CE



Specifications	
Model	AH-0933
Type	2-wire
Voltage Range	12 ~ 30V DC
Alarm Current @24V DC 470Ω	40mA
Alarm Temperature	Comply to EN54
Ambient Temperature	0°C ~ +55°C
Material	Fire-proof plastic
Dimensions	102mm(Dia.) x 46mm(H)
Weight	About 130g
Color	White

Effective alert area		
Construction/Height	Under 4M	4M ~ 8M
Fire-proof Building	90 M^2	45 M^2
Ordinary Building	50 M^2	30 M^2

ORDERING INFORMATION

101-294 Ness Rate Of Rise Detector

Innovative Electronic Solutions
www.ness.com.au

NSW Ph 02 8825 9222 sales@ness.com.au | **VIC** Ph 03 9875 6400 nessmelb@ness.com.au | **QLD** Ph 07 3399 4910 nessbris@ness.com.au | **WA** Ph 08 9328 2511 nessper@ness.com.au | **SA** Ph 08 8152 0000 adelaide@ness.com.au

TECHNICAL BULLETIN

MAINTENANCE :

- Attach dust-cover to the detector during the work in the building to prevent the invasion of dust or paint and malfunction of detector.
- During the scheduled maintenance, use the testing device to check the detector whether or not it is in good shape.
- When the repair is needed please return the defect device to manufacturer.

SERVICING TESTS :

- Check two sides of iron-plate under the detector head whether or not they are well conducted.
  If fault alarm happened regularly, check the environment for affected factors such as smoke or other heat sources.
- Malfunctioned circuit could not be fixed if it is caused by water leaking.
- If detector has no response all the time, it might be the burning of PCB, low sensitivity or decay of detector. Defective detector should sent back to the maunfacturer for repairing and calibration.
- If the identification lamp does not lit while detector is operating, the LED or PCB might be burned and both of them need to be fixed in the factory.

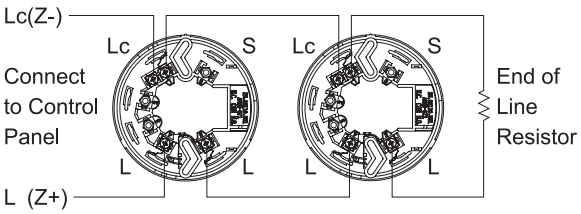
AVOID THESE LOCATIONS
Do Not Locate Your Detector in :

- Front of forced air ducts used for heating and air conditioning and other higher air flow area.
- Height of installation surface is more than 20 meters.
- Dusty area.
- Areas where temperature may fall below 40˚F or rise above 100˚F.
- Near electrical lights. “WARNING”-Connect Detector Only To Control Unit Initiating Device Circuit As Specified In Detector Or Control Unit Literature Or System May Not Operate.

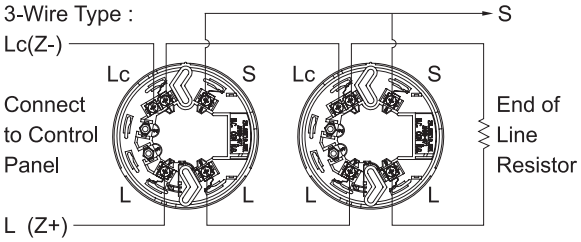
INSTALLATION INSTRUCTION

WIRING DIAGRAM :

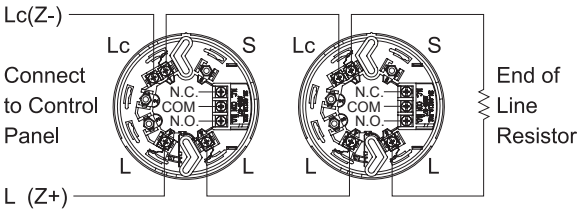
2-Wire Type :



3-Wire Type :



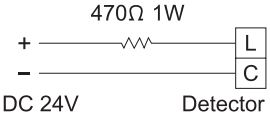
4-Wire Type : (Relay Output)
Contact Rating 0.8A@30V DC 0.4A@125V AC



Caution : Do not connect loop wires at same point to prevent function loss.

Detector To Control Unit :

Power Supply To Detector :



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