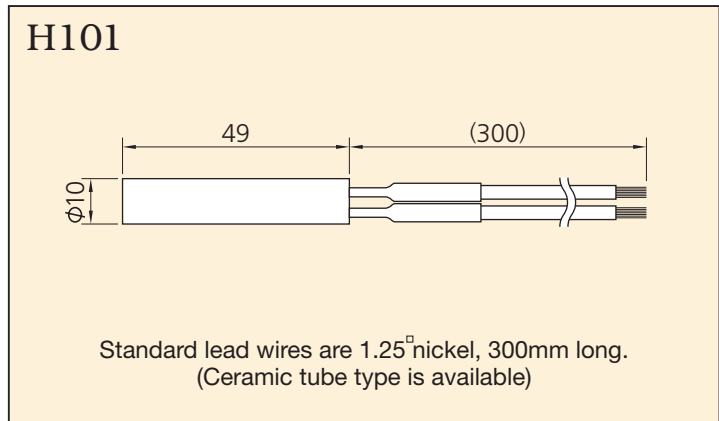


# High Temperature Thermostat

## High temperature fuse H101 (710°C)



Standard lead wires are 1.25<sup>mm</sup> nickel, 300mm long.  
(Ceramic tube type is available)

### Features

1. It is very unique fuse of 710°C/550°C.
2. External dimensions are the same for all H101/102 models.
3. The fuse is housed in a ceramic cylinder case.

### Ratings and Characteristics

Type	Fusing preset temperature	Switching power supply voltage	Switching capacity	Dielectric strength (after fusing)	Lead wire
H101	710°C ± 10°C	Commonly used for 100/200V	710°C/200VAC 2A (resistance load)	1200VAC/sec (between terminals)	1.25mm <sup>2</sup> Nickel lead wire

### Precautions for handling

1. When the current exceeds the rated value, it will activate at a lower temperature than the fusing preset temperature. Check once again that the current is not exceeding the switching capacity.
2. Unexpected force or shock during transportation or mounting may cause breakage of the temperature fuse. Furthermore, if the ambient temperature goes up, it may lead to an accidental fusing at a lower temperature. So, be careful regarding the ambient temperature.
3. Keep the temperature sensor (protection tube) horizontal or pointing downward (lead wire will be at the top) when in use. If it is used with the temperature sensor up, it may cause a malfunction.
4. Do not use in an environment where vibration or shock is constantly applied.
5. Watch for other heat sources, and try to avoid thermal interference. Be careful of fuse malfunction due to unexpected other heat sources.

### Caution

1. For storage, avoid high temperature places.
2. Ceramic protection cylinders tends to crack. So, be careful when handling.
3. Do not use the fuse without the protection tube.
4. Keep the load current within the rated value.

In principle, the temperature fuse is meant to be used as a fail safe measure. The correct system design is such that a thermostat is used for temperature control and a temperature fuse activates when the thermostat is broken.

NOTE: The specification in this brochure may be revised for improvement without notice. If you intend to purchase our product in a large quantity, please be sure to mutually confirm the desired specifications.

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