

JIS

JAPANESE INDUSTRIAL STANDARD

**Bimetal type thermal switches
for gas appliances**

JIS S 2149^{—1993}

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

1. Scope This Japanese Industrial Standard specifies the bimetal type thermal switches to be used for the safety devices of gas appliances using liquefied petroleum gas⁽¹⁾ or city gas⁽²⁾ having gas pressures of 3.3 kPa {330 mmH₂O} or less (hereafter referred to as "bimetal thermal switches").

Notes ⁽¹⁾ Liquefied petroleum gas means the gas described in the "Standard for liquefied petroleum gas" of enforcement regulations (1968, Ordinance of Ministry of International Trade and Industry No. 14) based on the Law Concerning the Security of Safety and Optimization of Transaction of Liquefied Petroleum Gas (1967, Law No. 149).

⁽²⁾ City gas means the gas of gas group described in the ministerial ordinance concerning the verification of gas appliance and material (1971, Ordinance of Ministry of International Trade and Industry No. 27) based on the Gas Utility Industry Law (1954, Law No. 51)

Remarks 1. The standards cited in this Standard are shown in Attached Table 1.

2. The units and numerical values given in { } in this Standard are based on the traditional units and are appended for informative reference.

2. Classification The classification of the bimetal thermal switches shall be as shown in Table 1 and Table 2.

Table 1. Classification by state of contact point

State of contact point	Details of classification
Close type	Type which the contact point changes from "close" to "open" at the operating temperature while rising of temperature.
Open type	Type which the contact point changes from "open" to "close" at the operating temperature while rising of temperature.