POTTER
The Symbol of Protection

RTS-O/RTS-C
ROOM TEMPERATURE SWITCH

Listings: UL, cUL Listed
Enclosure: White ABS
Dimensions: 2 1/16"W x 3 7/16"L x 1 1/4"H
(5,2cm W x 8,7cm L x 3,2cm H)
Sensor: Epoxy sealed stainless steel case, bi-metallic operating mechanism.
Contacts: Silver clad, available normally open or normally closed
Electrical Rating: 1 Amp at 24VDC
Temperature Setting: 40° ±5°F (4,5° ±3°C)
Terminals: Screw Terminals
Mounting: Wall Mount, Surface

RTS-O Stock No. 1010108
RTS-C Stock No. 1010109

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Application

The RTS Series complies with the requirements of NFPA 13 and 72 for a room temperature switch to operate at 40°F to protect a dry pipe valve from freezing. The RTS can also be used for other temperature detection applications.

Operation

The normally open detector, RTS-O, will close the contact when the temperature drops below 40°F (4,5°C). The normally closed detector, RTS-C, will open the contact when the temperature drops below 40°F (4,5°C). The detector will automatically reset to the normal state when the temperature rises above 40°F (4,5°C).

The RTS Series Room Temperature Sensors are precision engineered, designed and manufactured for commercial or residential use.

Description

Each unit consists of a bi-metal operating mechanism, featuring hermetically sealed precious metal contacts, N.O. or N.C., which automatically reset for repetitive operation, eliminating the need for sensing element replacement.

Small compact design, highly resistant to vibration and corrosion. Easily installed using the enclosed hardware or adhesive mounting pad.

Screw terminals permit easy installation in single or multiple detector circuits.

Features:

- Easily installed
- Completely sealed sensor, moisture and vapor resistant
- Highly resistant to vibration and corrosion
- Highly sensitive to temperature changes
- No sensitivity loss due to aging
- Repetitive operation without the need to replace sensing elements
- Small compact design
- Precision and quality at low cost

Customer: _____
Project: _____
Engineer: _____
Architect: _____
PRO or PO: _____
QTY: _____