

# Single-Access Temperature Controller



Thermostats extend the life expectancy of the equipment inside a cabinet and fans by controlling the heaters and fans' running time, and increase the working efficiency and service life of the electronic components exposed to environmental with less pollution.

## INDUSTRY STANDARDS

CE, Protection class: IP20

## FEATURES

Wide temperature control range: 0 C - +60 C

Temperature sensing element: bimetal

Engineering plastic shell: UL 94V-0

Standard 35-mm DIN rail mounting

Wiring: 2-pole terminal, 2.5mm<sup>2</sup>

Switch temperature tolerance: 7K (+/- 4K)

Contact resistance: <10m ohms (with connection cables)

Lifetime: >100,000 cycles

Power input: 24VDC - 72VDC; 120VAC - 250VAC

SPECIFICATIONS

| Table 1/1      |          |              |                    |              |            |            |
|----------------|----------|--------------|--------------------|--------------|------------|------------|
| Catalog Number | Material | Contact Type | Control Device     | Finish       | Color      | Color Code |
| IASTO0100000S  | Plastic  | Snap Action  | Ventilation Device | Smooth Matte | Light Gray | RAL 7035   |
| IASTS0100000S  | Plastic  | Snap Action  | Heating Device     | Smooth Matte | Light Gray | RAL 7035   |

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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