

# Dual-Access Temperature Controller

Thermostat can extend the life expectancy of the heaters 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.

## FEATURES

Two temperature switches are integrated in one device: one is normally closed (NC, red) one is normally open (NO, blue)

Wide adjustable temperature range: 0 C to +60 C

Temperature sensing element: bimetal

Plastic shell: UL 94v-0

Standard 35-mm Din rail mounting

Wiring: 2-pole terminal, 2.5 square mm

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 | Finish       | Color      | Color Code | Contact Type                                                      | Control Device                                                                           |
| IADTC010A000S  | Plastic  | Smooth Matte | Light Gray | RAL 7035   | Change-over (Relay)                                               |                                                                                          |
| IADTC010C000S  | Plastic  | Smooth Matte | Light Gray | RAL 7035   | Change-over (Relay)                                               | Ventilation Device, Heating Device                                                       |
| IADTC010B000S  | Plastic  | Smooth Matte | Light Gray | RAL 7035   | No (Normally Open), Snap-Action No (Normally Closed), Snap Action | Ventilation Device for Normally Open Contact, Heating Device for Normally Closed Contact |

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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