

# GM-TA



nVent RAYCHEM GM-TA is an electronic thermostat for small roof de-icing applications, gutter lengths up to 30 m. Available with outdoor junction box (GM-TA-OUTDOOR-BOX) and spare ambient sensor (GM-TA-AS).

## FEATURES

Simple and fast to install: DIN rail mounted in panel

Energy saving: ambient control, double temperature set points

Safe: adjustable post heating time

Reliable during long life: 6 year extended product warranty available

## SPECIFICATIONS

Table 1/3

| Catalog Number | Item Name | Supply Voltage | Output Relay   | Alarm Relay                                            | Terminal Size       | Hysteresis/Differential |
|----------------|-----------|----------------|----------------|--------------------------------------------------------|---------------------|-------------------------|
| 1244-017783    | GM-TA     | 207 – 253 V    | 16 A @ 230 VAC | Switch-Over Contact, Potential-Free, max 8 A @ 230 VAC | 2.5 mm <sup>2</sup> | +/-1K                   |

Table 2/3

| Catalog Number | Item Name | Adjustment Range | Adjustment Range, Frost Protection | Material | Mounting | IP Rating |
|----------------|-----------|------------------|------------------------------------|----------|----------|-----------|
| 1244-017783    | GM-TA     | -25 to -5 °C     | 0 – 6 °C                           | ABS      | DIN Rail | IP20      |

Table 3/3

| Catalog Number | Item Name | Ambient Temperature | Sensor Type | Sensor Cable Diameter |
|----------------|-----------|---------------------|-------------|-----------------------|
|----------------|-----------|---------------------|-------------|-----------------------|

|             |       |              |                 |      |
|-------------|-------|--------------|-----------------|------|
| 1244-017783 | GM-TA | -25 to 40 °C | NTC, 2KΩ @ 25°C | 4 mm |
|-------------|-------|--------------|-----------------|------|

## 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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