

# NRG-DM Digital Timer Thermostat



nVent RAYCHEM NRG-DM is a digital timer thermostat for electrical floor heating equipped with a large display and intuitive software. Eco Design compliant thanks to the following functions: Adaptive start control. For more details, please consult the Commissioning sheet (INST324 or EU2550).

## FEATURES

Easy to use, intuitive navigation: large LCD display with blue back light

3 operating modes: event mode or weekly schedule to reduce energy; boost mode or temporary override; constant mode

Energy efficient adaptive function

Optimum heat management, with 4 sensor modes

Reliable during long life: 12 year total care warranty available, maintenance free

## SPECIFICATIONS

Table 1/6

| Catalog Number | Item Name | E-Number | Power Supply | Measuring Range | Adjustable Differential | Regulation Type |
|----------------|-----------|----------|--------------|-----------------|-------------------------|-----------------|
| 1244-015152    | R-NRG-DM  | 8581565  | 230 V        | 5 – 40 °C       | No                      | On/Off          |

Table 2/6

| Catalog Number | Item Name | E-Number | Max Contact Voltage | Max Contact Load | Sensor/Feeler Type | Temperature Control Class |
|----------------|-----------|----------|---------------------|------------------|--------------------|---------------------------|
| 1244-015152    | R-NRG-DM  | 8581565  | 230 V               | 13 A             | Resistance Sensor  | IV                        |

Table 3/6

| Catalog Number | Item Name | E-Number | Control Characteristic | Remote Operation | Switching Program Quantity | Power Consumption, Standby |
|----------------|-----------|----------|------------------------|------------------|----------------------------|----------------------------|
|----------------|-----------|----------|------------------------|------------------|----------------------------|----------------------------|

|             |          |         |     |    |   |       |
|-------------|----------|---------|-----|----|---|-------|
| 1244-015152 | R-NRG-DM | 8581565 | PID | No | 7 | 0.4 W |
|-------------|----------|---------|-----|----|---|-------|

Table 4/6

| Catalog Number | Item Name | E-Number | IP Rating | RAL Number | Color       | IFTTT Support Available |
|----------------|-----------|----------|-----------|------------|-------------|-------------------------|
| 1244-015152    | R-NRG-DM  | 8581565  | IP21      | 9010       | Clear White | No                      |

Table 5/6

| Catalog Number | Item Name | E-Number | Clock Type | Clock Model | Self Learning | Height |
|----------------|-----------|----------|------------|-------------|---------------|--------|
| 1244-015152    | R-NRG-DM  | 8581565  | Day Clock  | Digital     | Yes           | 82 mm  |

Table 6/6

| Catalog Number | Item Name | E-Number | Width | Depth |
|----------------|-----------|----------|-------|-------|
| 1244-015152    | R-NRG-DM  | 8581565  | 82 mm | 40 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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