EMDR-10 Control Unit

This product is currently being phased out, to be replaced by the all-new Elexant 650c-Modbus. nVent RAYCHEM EMDR-10 is an energy efficient controller for Icestop GM-2X/T self-regulating roof and gutter de-icing sytems. Equipped with a temperature and moisture sensor, it only activates the system when detecting cold weather and moisture in combination.

FEATURES

- Simple and fast to install and operate
- Energy saving, circuits energized only when cold weather and moisture are detected
- Reliable during long life: 6 year product warranty available, maintenance free

SPECIFICATIONS

Table 1/4

Catalog Number	Item Name	E-Number	Voltage Rating	Rated Frequency	Adjustment Range, Frost Protection	Nominal Switching Current @ 250V, Potential Free
449554-000	EMDR-10	8581708	230 V	50 Hz min	−3 to 6 °C	1 A

Table 2/4

Catalog Number	Item Name	E-Number	Sensor Type	Moisture Sensor	Ambient Sensor	Power Consumption, Standby
449554-000	EMDR-10	8581708	PTC	Yes	Yes	4 W

Table 3/4

Catalog Number	Item Name	E-Number	IP Rating	Height	Width	Depth

449554-000	EMDR-10	8581708	IP20	90 mm	110 mm	58 mm

Table 4/4

Catalog Number	Item Name	E-Number	Shortest Temperature Phase
449554-000	EMDR-10	8581708	1 min

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 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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