

Elexant 650c-Modbus Control Unit



The nVent RAYCHEM Elexant 650c-Modbus controller is designed for operation with the nVent RAYCHEM heating cables for roof and gutter de-icing and surface snow melting applications.

FEATURES

- Intuitive set-up and programming of the unit with a 4,3" colour touch screen
- Flexible temperature control of roof & gutter de-icing and surface snow melting systems
- Controls 2 independent heating circuits
- Alarm relay with change over contact to signal power, temperature or communication problems
- Ambient temperature monitoring with high and low temperature alarm
- Offsite configurable - can be set up prior to final installation
- DIN rail panel mountable
- The Elexant 650c-Modbus is equipped with a RS485 port for Modbus communication to a BMS system which can be used for configuration, monitoring and alarm purposes
- Ice rain feature - preheating the surface to prevent the issue of freezing rain (for surface snow melting application only)

SPECIFICATIONS

Table 1/3

Catalog Number	Alarm Relay	Communication	Communication s Protocol	Depth	Hazardous Area	Height
1244-022835	Yes	Yes	Modbus RTU	155 mm	No	110 mm

Table 2/3

Catalog Number	IP Rating	Mounting	Output Relay	Sensor Type	Supply Voltage	Temperature Control Range
1244-022835	IP20	DIN Rail	2 x 4 A @ 230 VAC	NTC	230 – 253 V	–20 to 30 °C

Table 3/3

Catalog Number	Width
1244-022835	55 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 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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