

# SBS-MONT-ELEXANT-450c



nVent RAYCHEM Elexant 450c is the next generation touch screen heat tracing controller for dual independent heating zone control, with multiple integrated sensing modes and remote alarm capability, providing the most energy efficient pipe freeze protection and temperature maintenance control system.

## FEATURES

Intuitive set-up and programming of the unit with a 4.3" color touch screen

Controls 2 independent heating circuits

Alarm relay with change over contact to signal power, temperature or communication problems

Pipe temperature monitoring with high and low temperature alarm

Heating system diagnostic data maintained in a logged file for easy download

USB port for preset-up in power off mode and firmware upgrade

Reliable during long life: 6 year extended product warranty available

## SPECIFICATIONS

Table 1/3

| Catalog Number | Item Name             | Supply Voltage | Output Relay      | Alarm Relay                                                        | Temperature Control Range | Sensor Type     |
|----------------|-----------------------|----------------|-------------------|--------------------------------------------------------------------|---------------------------|-----------------|
| 1244-022471    | SBS-MONT-ELEXANT-450c | 195 – 253 V    | 2 x 4 A @ 230 VAC | Single Pole Double Throw Relay, Voltage-free, Rating 2 A @ 250 VAC | 0 – 85 °C                 | NTC, 2KΩ @ 25°C |

Table 2/3

| Catalog Number | Item Name             | Sensor Cable Length | IP Rating | Mounting | Height | Width  |
|----------------|-----------------------|---------------------|-----------|----------|--------|--------|
| 1244-022471    | SBS-MONT-ELEXANT-450c | 5 m                 | IP20      | SBS-FP   | 110 mm | 158 mm |

Table 3/3

| Catalog Number | Item Name             | Depth |
|----------------|-----------------------|-------|
| 1244-022471    | SBS-MONT-ELEXANT-450c | 56 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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