Elexant 450c Control Unit

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

- Elexant 450c with Modbus RS485 port for remote monitoring connectivity, configuration, and ease of integration in a Building Management System (BMS).
- 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

Output Relay:	2 x 4 A @ 230 VAC
Sensor Cable Length:	5 m
Depth:	56 mm
Height:	110 mm
Width:	158 mm
Supply Voltage:	195 – 253 V
Temperature Control Range:	0 – 85 °C
Mounting:	DIN Rail
IP Rating:	IP20
Sensor Type:	NTC, 2KΩ @ 25°C
Alarm Relay:	Single Pole Double Throw Relay, Voltage-free, Rating 2 A @ 250 VAC

Table 1/1		
Catalog Number	**Item Name**	**Communication Protocol**
1244-021970	ELEXANT 450c	None
1244-022623	ELEXANT 450c-Modbus	Modbus RTU

ADDITIONAL PRODUCT DETAILS

Termperture Control Range, (Line Sensing) can be extended to 250° using the Elexant 450 Plug-In Sensor Module and PT100 sensor

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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