

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.

RECURSOS

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

ESPECIFICAÇÕES

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

Table 1/1

Número do catálogo	Nome do item	Communication Protocol
1244-021970	ELEXANT 450c	Nenhum
1244-022623	ELEXANT 450c-Modbus	Modbus RTU

ADDITIONAL PRODUCT DETAILS

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

AVISO

Os produtos nVent devem ser instalados e utilizados apenas conforme indicado nas fichas de instrução do produto e materiais de treinamento da nVent. As fichas de instrução estão disponíveis em www.nVent.com e com nossos representantes de atendimento ao cliente nVent. A instalação inadequada, uso incorreto, aplicação incorreta ou outra falha qualquer em seguir completamente as instruções e avisos da nVent podem levar ao mau funcionamento do produto, danos à propriedade, lesões corporais graves e morte, e/ou anular sua garantia.

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