

# Elexant 4010i Replacement Control Module

nVent RAYCHEM ELEXANT 4010i-MOD is a replacement module for the Elexant 4010i heat tracing controller.

## FEATURES

Simple to install

Reliable during long life: 2 year product warranty available

## SPECIFICATIONS

<b>Current Alarm:</b>	0.1 – 100 A
<b>Autocycle:</b>	1 – 750 h
<b>Ground Fault Alarm:</b>	10 – 500 mA
<b>Ethernet:</b>	10/100 Base-T
<b>Control Max Current:</b>	32A @ 40°C, De-Rated to 24A @ 50°C and Further De-Rated to 16A @ 60°C
<b>Voltage Alarm:</b>	80 – 300 V
<b>Control Max Voltage:</b>	277 VAC Nominal, 50/60Hz
<b>Max Ground Terminal Wire Size:</b>	#2
<b>Max Power Supply Input Wire Size:</b>	#5
<b>Max Heating Cable Output Wire Size:</b>	#5
<b>Relative Humidity:</b>	0% to 90%, Noncondensating
<b>Communication Protocol:</b>	Modbus RTU; Modbus/TCP; DHCP
<b>Control Relay Type:</b>	Double-Pole, Solid-State; Double-Pole, Mechanical
<b>Communication:</b>	RS-485; Ethernet
<b>Control Algorithms:</b>	On/Off, Proportional, PASC, Always On, Always Off
<b>RS-485 Cable Type:</b>	One 2-Wire, Shielded Twisted Pair
<b>Temperature Control Range:</b>	–328 to 1292 °F
<b>Temperature Alarm:</b>	–328 to 1292 °F
<b>Operating Temperature:</b>	–40 to 140 °F

Catalog Number	Item Name
10380-015	4010i-MOD
10380-016	4010i-MOD-IS

## **WARNING**

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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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