NGC-40 Series, Control Module

The nVent RAYCHEM NGC-40-HTC (for single-phase heaters) and NGC-40-HTC3 (for three-phase heaters) modules are used to control either a solid-state relay or contactor within the NGC-40 control and monitoring system. This module also has one alarm output and one digital input. The alarm output can be used to control an external annunciator. The digital input is programmable and may be used for various functions such as forcing outputs on and off. Other features of this module include ground-fault and line current sensing for both HTC and HTC3. The front panel of the HTC module has LED indicators for various status conditions. The front panel also provides a ground-fault and heater test button.

FEATURES

- Din-rail mounted and part of the NGC-40 system
- Individual single circuit control provides highest reliability for critical heat tracing circuits
- Maximum design flexibility, by using the innovative data sharing among the heat tracing circuits within a panel, as well as, the programmable digital inputs and alarm outputs of each control module
- Permanent supervision of the integrity of the heat tracing circuit and detailed problem reporting simplifies maintenance and increases personnel safety

SPECIFICATIONS

Voltage Rating: 24 V

Voltage Rating Type: DC

Operating Temperature: −40 to 65 °C

Table 1/1

Catalog Number	Item Name	Heat-Tracing Circuit
10730-004	NGC-40-HTC3	Three-Phase

Catalog Number	Item Name	Heat-Tracing Circuit
10730-003	NGC-40-HTC	Single-Phase

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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