

# NGC-40 Series, Power Distribution and Supply Panel

nVent RAYCHEM NGC-40 Panel Solution is a multipoint electronic control, monitoring and power distribution system with a unique single-point controller architecture, providing the most reliable central control and monitoring solution for your heat management system. Supporting up to 32 circuits per panel, the system offers fully flexible configuration and individual single-phase and three-phase controllers with SIL2 safety temperature limiters. System status and faults are reported to the user, displayed on the nVent RAYCHEM Touch 1500 user interface or remotely using nVent RAYCHEM Supervisor software.

## FEATURES

Easy to install, configure and operate

Extensive control, monitoring, alarm and power distribution capabilities

Modular, providing configuration and component flexibility: optimizing project specific needs and costs

Comprehensive communications, system status and faults are reported with messages and alarms: optimizing maintenance and recovery time

## SPECIFICATIONS

**Main Switch Current Rating:** 160 A

**Voltage Rating:** 240 V

Table 1/1

Catalog Number	Item Name	Circuit Breaker Quantity	Circuit Breaker	Control Module	Touch 1500 Included
1244-014352	PSS-160A/10kA-PDS-40-12HTC/25A-2HTC3/40A-T	14	25 A, Type C	12 x NGC-40-HTC, 2 x NGC-40-HTC3	Yes
1244-014353	PSS-160A/10KA-PDS-40-12HTC/25A-2HTC3/40A	14	25 A, Type C	12 x NGC-40-HTC, 2 x NGC-40-HTC3	No

Catalog Number	Item Name	Circuit Breaker Quantity	Circuit Breaker	Control Module	Touch 1500 Included
1244-014348	PSS-160A/10KA-PDS-40-24HTC/16A-T	24	16 A, Type C	24 x NGC-40-HTC	Yes
1244-014349	PSS-160A/10KA-PDS-40-24HTC/16A	24	16 A, Type C	24 x NGC-40-HTC	No
1244-014350	PSS-160A/10KA-PDS-40-30HTC/16A-T	30	16 A, Type C	30 x NGC-40-HTC	Yes
1244-014351	PSS-160A/10KA-PDS-40-30HTC/16A	30	16 A, Type C	30 x NGC-40-HTC	No

## 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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