

# Hazardous Area Control Panel



nVent RAYCHEM multi-circuit heat trace control panels are designed, manufactured, tested and certified in-house. This brings design flexibility and assured quality. Based on nVent HOFFMAN stainless steel enclosures, they are configured with RAYCHEM heat trace controllers, solid-state relays and a user interface. Circuit ratings go up to 63 Amps / 690 Vac. The entire panel is ATEX/IECEx certified for Zone 2 hazardous area, is weatherproof and can be winterized to -60°C. Seamless integration with existing RAYCHEM control systems and optional wireless connectivity can reduce overall cost of ownership.

## FEATURES

Reduced total installation cost through optimal C&M architecture by space savings in substation, reduced cabling infrastructure, lower panel cost versus traditional Zone-1 (Ex-d) panels and higher loads (63A) leading to longer circuits and flexibility in design

Quality assured and faster delivery due to In-house design, manufacturing, quality control, logistics and In-house certification

Operational efficiency and reduced total operating cost by easier field monitoring (via touch screen), easier access inside panel (versus Zone 1 panel).

## SPECIFICATIONS

Table 1/2

| Catalog Number | Item Name | Material            | Area Classification | IP Rating | Controller Type               | Voltage Rating |
|----------------|-----------|---------------------|---------------------|-----------|-------------------------------|----------------|
| PNLZN2         | PNLZN2    | Stainless Steel 316 | Zone 2              | IP66      | NGC-40, NGC-30, Elexant 4020i | 240 V          |

Table 2/2

| Catalog Number | Item Name | Operating Temperature | Storage Temperature |
|----------------|-----------|-----------------------|---------------------|
| PNLZN2         | PNLZN2    | -40 to 60 °C          | -40 to 75 °C        |

## 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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