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. Seemless 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 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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