

REMOTE TRANSMITTER PROTECTOR

CATALOG NUMBER

RTP3034



CERTIFICATIONS



FEATURES

Three stage protection and fine over-voltage protection helps ensure lowest residual surge voltage reaches sensitive equipment

Flexible installation allows enclosure to be installed "dead ended", "T" configured or in-line

Optimized for protection of 2-wire industrial 4-20mA loops and suitable for exposed locations

Supports line currents up to 145mA and protects 24VDC powered equipment

PRODUCT ATTRIBUTES

Nominal System Voltage (U_n): 21 VAC;30 VDC

Max Continuous Operating Voltage (U_c): 23 VAC;33 VDC

Voltage Protection Level (U_p), L-L: 44 V @ 3 kA

Max Discharge Current (I_{max}), L+L-PE: 20 kA 8/20 μ s

Rated Load Current (I_L): 145 mA

Loop Resistance: 14 Ω

Protection Modes: Common;Differential

Technology: Gas Discharge Tube (GDT);Metal Oxide Varistor (MOV);Silicon Avalanche Diode (SAD)

Enclosure Material: Stainless Steel

Enclosure Rating: IP 55

Temperature: -40 to 149 °F

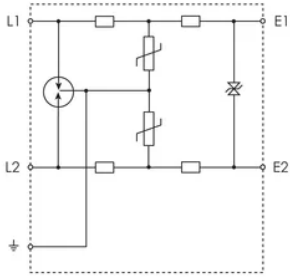
Thread Size (TS): 3/4" NPT

Diameter (Ø): 1.380"

Height (H): 5"

Designed to Meet: ANSI®/IEEE® C62.41.2-2002 Cat A, Cat B, Cat C

DIAGRAMS



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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