

Remote Transmitter Protector



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

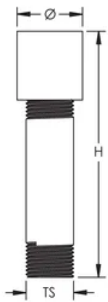
Supports line currents up to 145mA and protects 24VDC powered equipment

SPECIFICATIONS

Catalog Number	RTP3034
Article Number	700865
Nominal System Voltage (Un)	21 VAC 30 VDC
Max Continuous Operating Voltage (Uc)	23 VAC 33 VDC
Voltage Protection Level (Up), L-L	44 V @ 3 kA
Max Discharge Current (Imax), L+L-PE	20kA 8/20 μs
Rated Load Current (IL)	145A

Catalog Number	RTP3034
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 65 °C
Thread Size (TS)	3/4" NPT
Diameter (\emptyset)	35 mm
Height (H)	127 mm
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.

North America

+1.800.753.9221

Option 1 – Customer Care

Option 2 – Technical

Support

Europe

Netherlands:

+31 800-0200135

France:

+33 800 901 793

Europe

Germany:

800 1890272

Other Countries:

+31 13 5835404

APAC

Shanghai:

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