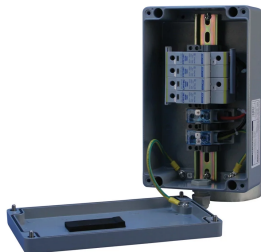


Rail Trolley Protector



FEATURES

Surge protection for 750 VDC systems within a rugged outdoor rated enclosure

100 kA 8/20 μ s maximum surge rating provides protection suitable for exposed locations at an extended operational life

Built-in safety features include thermal protection

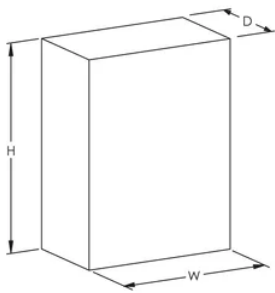
Remote indication module relays the status of internal protection elements

SPECIFICATIONS

Catalog Number	TDP100750VOCS
Nominal System Voltage (Un)	750 VDC
Max Continuous Operating Voltage (Uc)	825 VDC
Max Discharge Current (Imax)	100kA 8/20 μ s
Nominal Discharge Current (In)	25kA 8/20 μ s
Short Circuit Current Rating (SCCR)	25kA
Frequency	0 - 100 Hz
Connection, Solid	#8 min
Connection, Stranded	#8 min
Distribution System	DC 2W+G
Protection Modes	-ve to +ve
Status Indication	Mechanical flag
Technology	MOV with thermal disconnect

Catalog Number	TDP100750VOCS
Mounting	3/4" straight nipple
Enclosure Material	Metal
Enclosure Rating	IP 65 NEMA®-4X
Temperature	-40 to 176 °F
Humidity	0 - 90
Depth (D)	2.83"
Height (H)	10.08"
Width (W)	6.18"
Complies With	ANSI®/IEEE® C62.41.2-2002 Scenario II, Exposure 3, 100 kA 8/20 µs, 10 kA 10/350 µs

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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