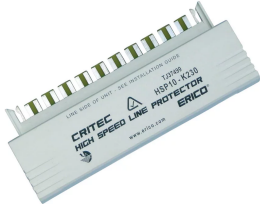


# High Speed Data Line Protector



## CERTIFICATIONS



## FEATURES

Multi-stage protection with primary or combination primary/secondary protectors

10 pair protector

Provides both L-L and L-PE protection modes for comprehensive protection

Simple installation into Krone® LSA disconnect block

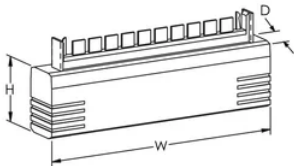
Data Line Terminator (DLT) available where screw terminal connections are required

## SPECIFICATIONS

Catalog Number	HSP10K12	HSP10K230	HSP10K36
Max Continuous Operating Voltage (Uc)	13 VDC	190 VDC	40 VDC
Max Discharge Current (Imax), L+L-PE	20kA 8/20 µs	20kA 8/20 µs	20kA 8/20 µs
Rated Load Current (IL)	150mA	150mA	150mA
Frequency	12 MHz Max	12 MHz Max	12 MHz Max
Transmission Rate	8Mbit/s	8Mbit/s	8Mbit/s

Catalog Number	HSP10K12	HSP10K230	HSP10K36
Protection Modes	L-L L-PE	L-L L-PE	L-L L-PE
Technology	Multi-stage	Multi-stage	Multi-stage
Connection Type	Krone® LSA-PLUS	Krone® LSA-PLUS	Krone® LSA-PLUS
Impedance Balance	55 dB Max	55 dB Max	55 dB Max
Insertion Loss	.4 Db Max	.4 Db Max	.4 Db Max
Return Loss	20 dB Max	20 dB Max	20 dB Max
Loop Resistance	16.4 $\Omega$	6.6 $\Omega$	16.4 $\Omega$
Temperature	-4 to 140 °F	-4 to 140 °F	-4 to 140 °F
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Depth (D)	0.83"	0.83"	0.83"
Height (H)	1.36"	1.36"	1.36"
Width (W)	4.92"	4.92"	4.92"
Unit Weight	0.05 lb	0.05 lb	0.05 lb
Certification Details		UL® 497	

## 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](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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