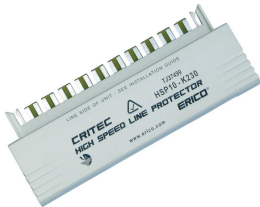


# High Speed Data Line Protector



## 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

Table 1/2

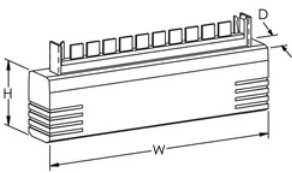
Catalog Number	HSP10K36	HSP10K230	HSP10K12
Max Continuous Operating Voltage (Uc)	40 VDC	190 VDC	13 VDC
Max Discharge Current (Imax), L+L-PE	20kA 8/20 μs	20kA 8/20 μs	20kA 8/20 μs
Rated Load Current (IL)	150mA	150mA	150mA
Frequency	12 MHz Max	12 MHz Max	12 MHz Max

Catalog Number	HSP10K36	HSP10K230	HSP10K12
Transmission Rate	8Mbit/s	8Mbit/s	8Mbit/s
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 Ω	6.6 Ω	16.4 Ω
Temperature	-20 to 60 °C	-20 to 60 °C	-20 to 60 °C
Enclosure Material	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic	UL® 94V-0 Thermoplastic
Depth (D)	21mm	21mm	21mm
Height (H)	35 mm	35 mm	35 mm

Table 2/2

Catalog Number	HSP10K36	HSP10K230	HSP10K12
Width (W)	125 mm	125 mm	125 mm
Unit Weight	0.02 kg	0.02 kg	0.02 kg
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.

**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:

+ 86 21 2412 1618/19

Sydney:

+61 2 9751 8500



Our powerful portfolio of brands:

**CADDY**

**ERICO**

**HOFFMAN**

**ILSCO**

**SCHROFF**

**TRACHTE**