

# Coaxial Surge Protector



## CERTIFICATIONS



## FEATURES

Simple plug-in installation

Supplied with mounting bracket and ground lug terminal

Low insertion and return loss

Wide operating frequency spectrum

## SPECIFICATIONS

<b>Capacitance:</b>	1.5 pF
<b>Insulation Resistance:</b>	10
<b>Max Discharge Current (Imax), Per Mode:</b>	20kA 8/20 $\mu$ s
<b>Impulse Life:</b>	400 @ 500 A 10/1000 $\mu$ s
<b>Frequency:</b>	0 - 3 GHz
<b>Enclosure Rating:</b>	IP 20;NEMA®-1
<b>Enclosure Material:</b>	Metal
<b>Temperature:</b>	-40 to 90 °C

Table 1/2

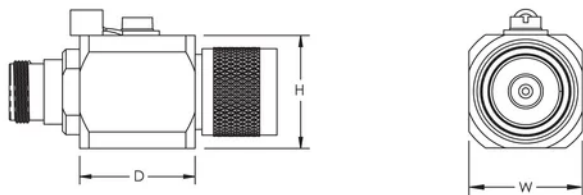
Catalog Number	Max Ground Terminal Wire Size	Connection Type	Spark-Over Voltage @ 100 V/ $\mu$ s	Spark-Over Voltage @ 100 V/s	Depth (D)	Height (H)
CSP1F600	2.5mm <sup>2</sup>	F-Type, Male/Female	1100 V	480 - 720 V	25.4mm	25 mm
CSP1F90	2.5mm <sup>2</sup>	F-Type, Male/Female	450 V	72 - 108 V	25.4mm	25 mm
CSP1NB600	2.5mm <sup>2</sup>	N-Type, Female/Female	1100 V	480 - 720 V	25.4mm	25 mm
CSP1NMF600	2.5mm <sup>2</sup>	N-Type, Male/Female	1100 V	480 - 720 V	25.4mm	25 mm
CSP1NMF90	2.5mm <sup>2</sup>	N-Type, Male/Female	450 V	72 - 108 V	25.4mm	25 mm
CSP1SMA90	2.5mm <sup>2</sup>	SMA, Male/Female	450 V	72 - 108 V	25.4mm	25 mm

Table 2/2

Catalog Number	Width (W)	Unit Weight
CSP1F600	25 mm	0.13 kg
CSP1F90	25 mm	0.13 kg
CSP1NB600	25 mm	0.13 kg
CSP1NMF600	25 mm	0.13 kg
CSP1NMF90	25 mm	0.13 kg
CSP1SMA90	25 mm	0.13 kg

## DIAGRAMS

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## WARNING

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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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