

1000Vdc, 1-20A

Single-pole, non-serviceable in-line PV fuse holder and fuse assembly



RoHS

Catalog symbol:

- HPV-DV-(amp)A

Description:

Eaton's Bussmann® series of HPV single-pole, non-serviceable photovoltaic in-line fuse holders/assemblies are available in an IP67 dust-tight and temporary water immersion resistant insulating boot for use in photovoltaic wire harnesses.

Final assembly of conductors (customer supplied), insulating boots and labeling to be performed by customer following the directions contained in instruction leaflet No. 3A1963.

Ratings

- Volts 1000Vdc
- Amps 1-20A
- IR 33kA

Agency information

- UL® Listed to 4248-1 and 4248-18. File E348242,
- CSA® component acceptance, Class 6225 30, File 47235
- CE, RoHS compliant, IP20 finger-safe, IP67

Conductors

- 75°C/90°C Cu stranded 12-10AWG PV wire

Terminals

- Crimp connection for single, stranded 12-10AWG PV conductor

Boot material

- UL 5VA flammability resistant rated elastomer. UV resistant to UL F1 suitable for outdoor use.

Operating and storage temperature range

- -40°C to +90°C

Recommended tools

- Sta-Kon® terminal crimping tool, catalog #ERG4002
- Multi-Contact assembly tool, catalog #PV-RWZ with PV-KOI-II and PV-KOI-III tapered spindles

Packing

Bulk packed in cartons, 180 fuse assemblies per carton. Carton weight 19.3 Lbs (8.7543 kg)

Fuse assemblies poly bagged with PV fuse element, two insulating boots (for lineside and loadside), and one pressure sensitive label to be applied on outside after complete assembly to the wire harness.

Catalog numbers (amps) and fuse elements*

HPV catalog number	10x38mm PV fuse part number	Amps
HPV-DV-1A	PV-1A10F-CT	1
HPV-DV-2A	PV-2A10F-CT	2
HPV-DV-2.5A	PV-2.5A10F-CT	2.5
HPV-DV-3A	PV-3A10F-CT	3
HPV-DV-3.5A	PV-3.5A10F-CT	3.5
HPV-DV-4A	PV-4A10F-CT	4
HPV-DV-5A	PV-5A10F-CT	5
HPV-DV-6A	PV-6A10F-CT	6
HPV-DV-8A	PV-8A10F-CT	8
HPV-DV-10A	PV-10A10F-CT	10
HPV-DV-12A	PV-12A10F-CT	12
HPV-DV-15A	PV-15A10F-CT	15
HPV-DV-20A	PV-20A10F-CT	20

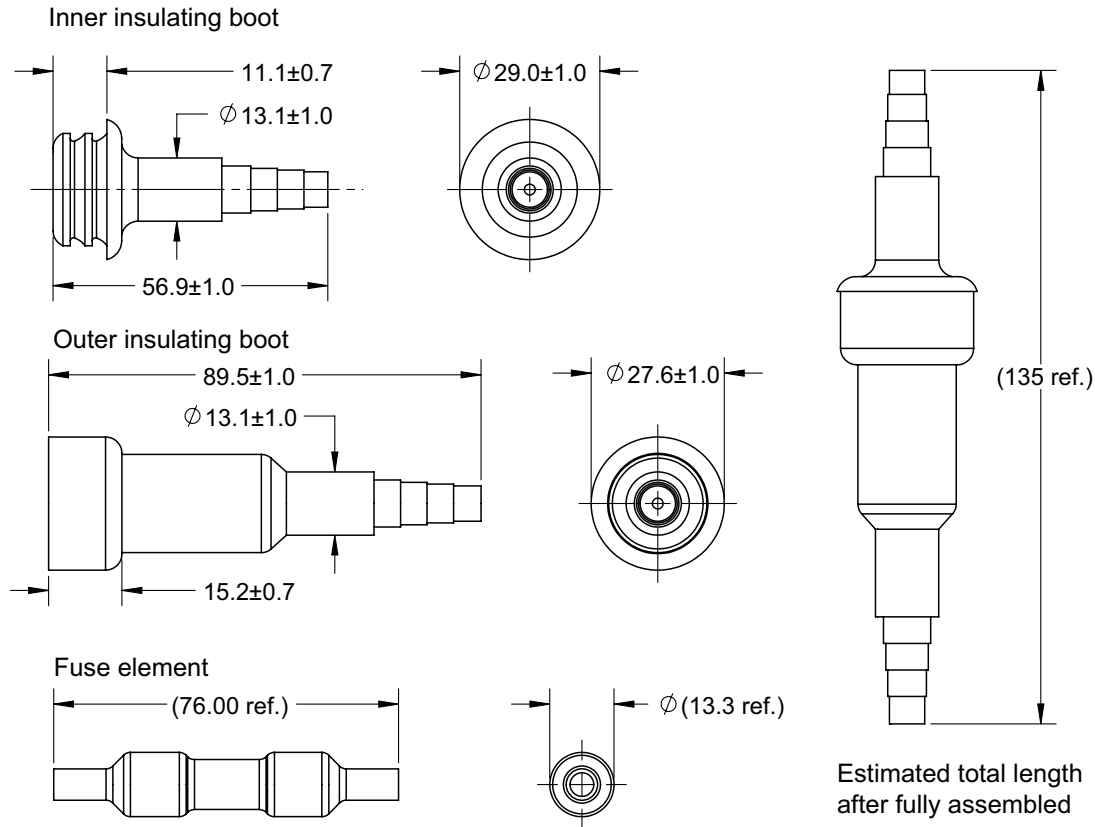
* For fuse specifications and derating curves see data sheet no. 10121 at eaton.com/bussmannseries.

For assistance with design, installation or assembly related to this product. Call Bussmann series applications engineering at 636-527-1270, M-F, 7:00 a.m. to 5:00 p.m. Central Time, or email fusetech@eaton.com.

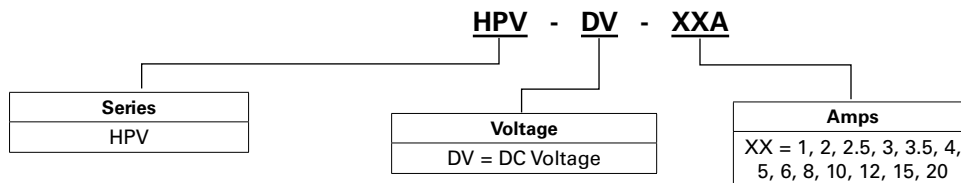


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Dimensions - mm:



Catalog number system:



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