

HPV Series

Single-pole, non-serviceable in-line PV fuse holder and fuse assembly — 1000Vdc, 1-20A



Description

Single-pole, non-serviceable photovoltaic in-line fuse holder and fuse assembly 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 # 3A1963.

Catalog symbol

HPV-DV-(amp)A

Ratings

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

Agency information

- UL Listed to 4248-1 and 4248-18. File # E 348242,
- 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-KOIII tapered spindles

Packing

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

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.

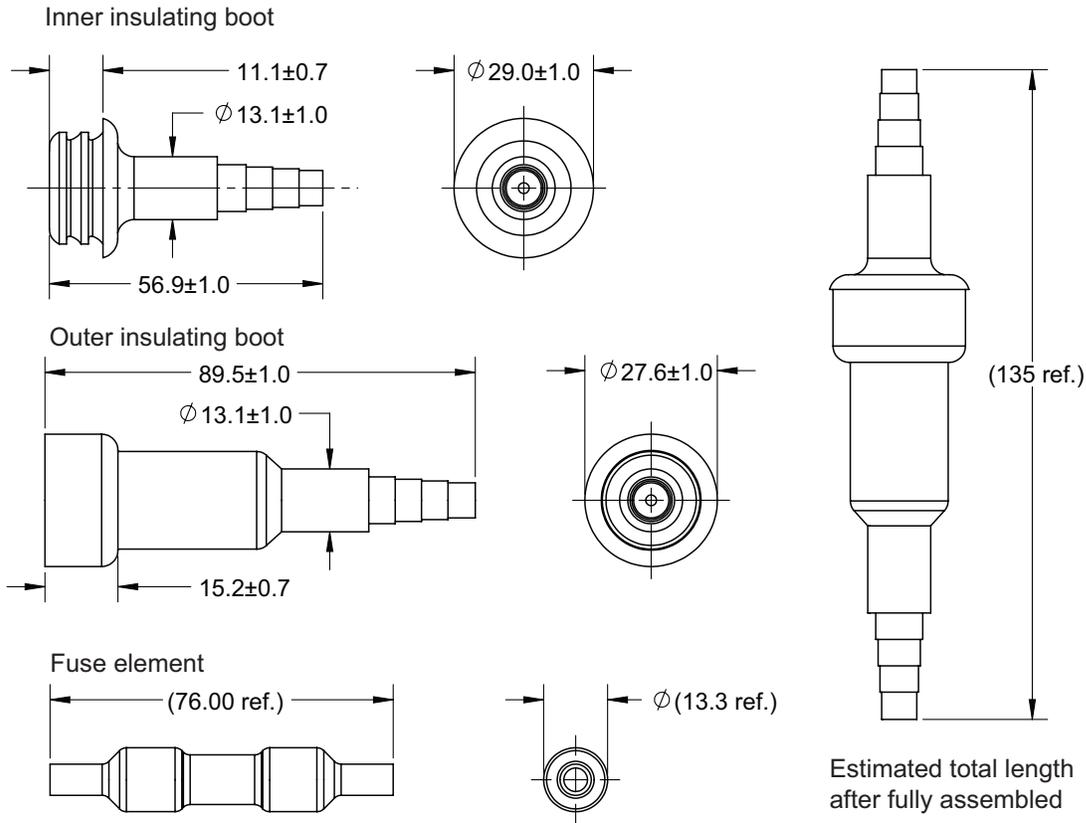
Catalog numbers (amps) and fuse elements*

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

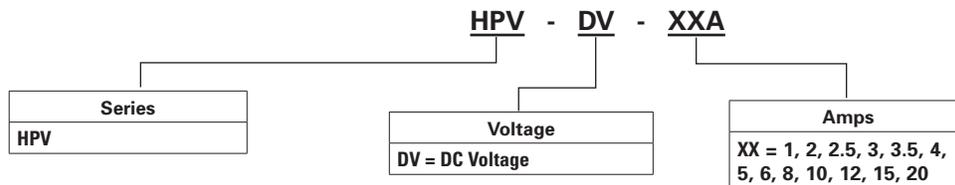
* For fuse specifications and derating curves see data sheet no. 10121 at www.cooperbussmann.com/DatasheetsEle.

** Contact factory for availability of 25 and 30 amp versions.
For assistance with design, installation or assembly related to this product. Call Bussmann applications engineering at 636-527-1270, M-F, 7:00 a.m. to 5:00 p.m. Central Time, or e-mail fusetech@eaton.com.

Dimensions - mm



Catalog number system



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