

NH Photovoltaic Fuse Links for Solar Panel Applications

32 to 160A, 1000Vdc PV Series



Description: A range of NH size fuse links specifically designed for protecting and isolating photovoltaic array combiners and disconnects. These fuse links are capable of interrupting low overcurrents associated with faulted PV systems (reverse current, multi-array fault).

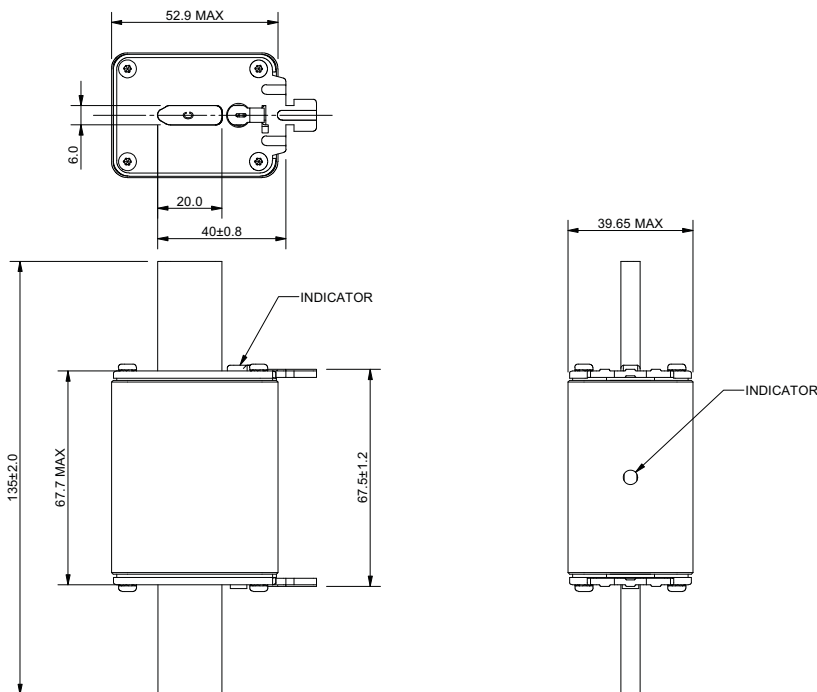
Packaging: MOQ: 3
Packaging 100% recyclable

- Catalogue Symbol:** PV-(amp rating)ANH(size)
Class of Operation: gPV and UL PV fuse links
Fuse Size: NH Size 1
Fuse Holders: SB1-D-PV (Single-pole)
 TB1-D-PV (Triple-pole)
Microswitches: 170H0236 or 170H0238
 BVL50
Standards/Approvals: IEC 60269-6, UL 2579,
 RoHS compliant
 Pending: CCC

Technical Data:
 Rated Voltage: 1000Vdc
 Amps: 32 - 160A
 Rated Breaking Capacity: 50kA
 Time Constant: 1-3ms

Dimensions - mm

Size 1



NH Photovoltaic Fuse Links for Solar Panel Applications

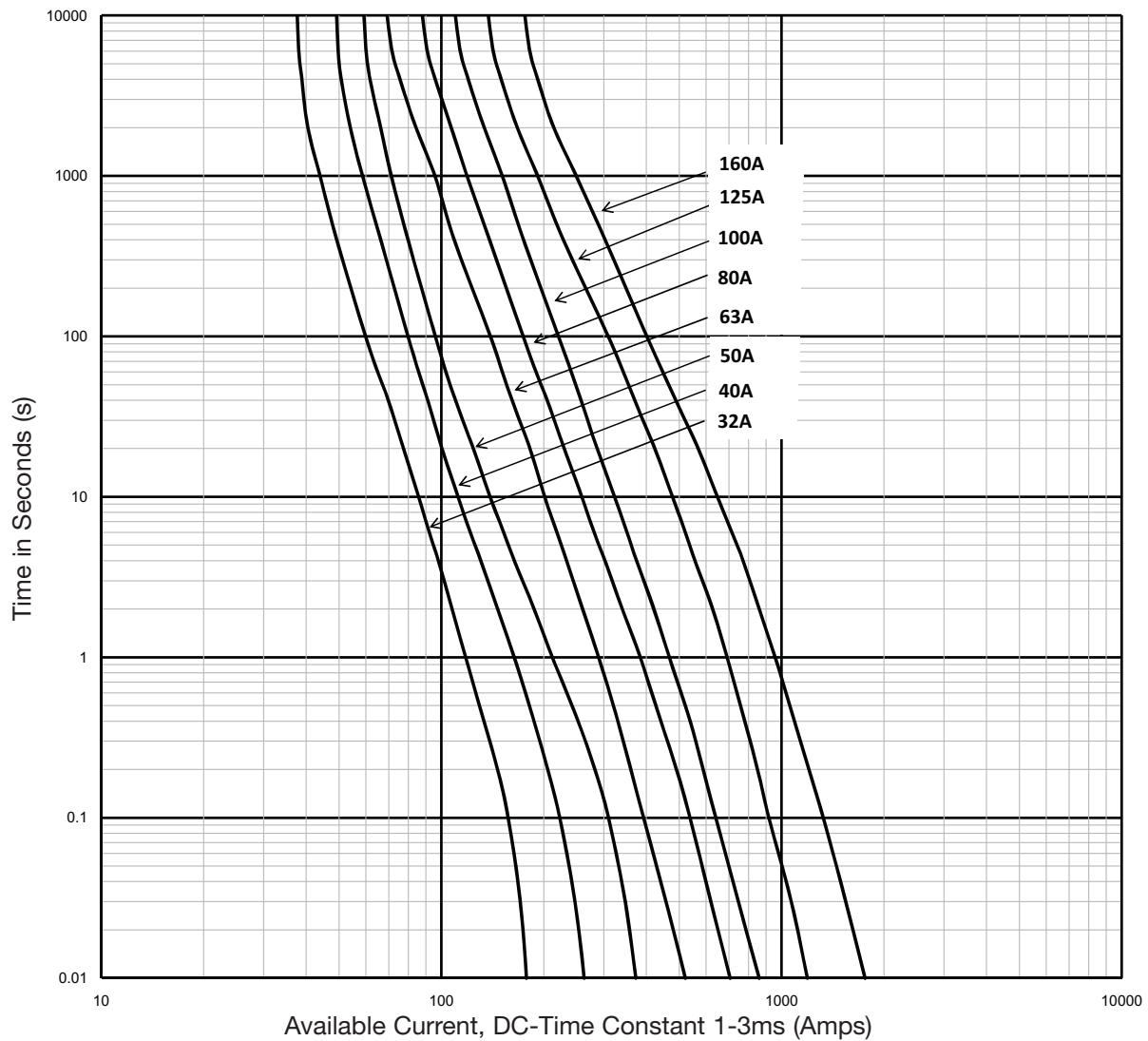
32 to 160A, 1000Vdc PV Series



Technical Data

Part Number	Current Rating (Amps)	Energy Integrals I ² t (A ² s)		Watts Loss	
		Pre-Arcing	Total at 1000V	0.8 I _n	I _n
PV-32ANH1	32	80	720	4.3	8.5
PV-40ANH1	40	185	1670	4.6	9
PV-50ANH1	50	400	3600	5.4	10.5
PV-63ANH1	63	470	4300	6.1	12
PV-80ANH1	80	640	5760	7.9	15.5
PV-100ANH1	100	1300	11,700	8.4	16.5
PV-125ANH1	125	2600	23,400	8.9	17.5
PV-160ANH1	160	5200	46,800	12.2	24

Time-Curent Characteristics



The only controlled copy of this Data Sheet is the electronic read-only version located on the Cooper Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Cooper Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Cooper Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.