

60PV1400

Photovoltaic knife edge fuse gPV NH3 1000VDC 400A



Strong points

- High breaking capacity
- Product designed for photovoltaic
- systems
- Increased reliability
- Improved safety

General characteristics

ISC MAX: short-circuit current of the string related to excess sunshine.
MRI: maximum permissible reverse current.

- In: fuse rating or nominal fuse current (at 25°C in an RM fuse base).
- Nc: number of strings in parallel.

- UE: maximum fuse operating voltage.

- UOC MAX: maximum voltage of an

open circuit in lowest temperature conditions

Compliance with standards

- IEC 60269-6



- IEC 60269-1

- IEC 60269-2

Access to resources (ex: manuals)

gPV fuses protect facilities against surges related to reverse currents that can occur in photovoltaic systems.

When to protect

You must protect the PV strings from surges if the current delivered by the set minus one of the parallel strings is greater than the reverse current supported by the type of modules used in this generator.

How to protect

Protecting from overcurrents involves ensuring that both polarities are functionally grounded whether the DC is connected or not.

https://www.socomec.co.uk/engb/reference/60PV1400

UNSPSC39121612ETIM ClassEC000055IGCC4908CommerceEffective dateEffective date2015-03-16Country of originINLength of the product unit0.075Width of the product unit0.152Depth of the product unit0.07Weight1.03ETIM - Electrical characteristicsVoltage typeDCRated current [A]400Rated voltage DC [V]1000Utilization categorygPV (photovoltaic protection)ETIM - Technical featuresFuse construction type according to IEC 60269NH3LogisticsCustoms numberGTIN/EAN3596032851101Customs number853610900Price unit0.08Width of the packing unit0.15Depth of the packing unit0.04NormsIECTechnical CharacteristicsFuse environ type according to IEC 60269Price unitPCRated voltage ID0.08Width of the packing unit0.04NormsIECTechnical CharacteristicsIECFuse melting indicatorwith T indicatorFuse melting indicatorWiH3Rated voltageNH3Rated voltage1000 VDCRated current400TypegPV	Classification	
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	Rated voltage	1000 VDC
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