**60PV1250**

# Photovoltaic knife edge fuse gPV NH2 1000VDC 250A


## 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/en-gb/reference/60PV1250

## Classification

| | |
|---|---|
| UNSPSC | 39121612 |
| ETIM Class | EC000055 |
| IGCC | 4908 |

## Commerce

| | |
|---|---|
| Effective date | 2015-03-16 |
| Country of origin | IN |
| Length of the product unit | 0.061 |
| Width of the product unit | 0.152 |
| Depth of the product unit | 0.06 |
| Weight | 1.95 |

## ETIM - Electrical characteristics

| | |
|---|---|
| Voltage type | DC |
| Rated current [A] | 250 |
| Rated voltage DC [V] | 1000 |
| Utilization category | gPV (photovoltaic protection) |

## ETIM - Technical features

| | |
|---|---|
| Fuse construction type according to IEC 60269 | NH2 |

## Logistics

| | |
|---|---|
| GTIN/EAN | 3596032851071 |
| Customs number | 8536109090 |
| Price unit | PC |
| Weight of the packing unit | 1.95 |
| Length of the packing unit | 0.165 |
| Width of the packing unit | 0.075 |
| Depth of the packing unit | 0.05 |

## Norms

| | |
|---|---|
| Conformity to standards | IEC |

## Technical Characteristics

| | |
|---|---|
| Fuse melting indicator | with T indicator |
| Fuse size | NH2 |
| Rated voltage | 1000 VDC |
| Rated current | 250 |
| Type | gPV |