60PV0100

gPV curve knife edge DIN Fuselink gPV 100A 1000 VDC



SOCOMEC's gPV fuses protect photovoltaic systems against overcurrents caused by the reverse currents that these systems can generate.

Strong points

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

General characteristics

- ISC: short circuit current of the string.
- ISC MAX : short circuit current of the string due to maximum sunlight intensity.
- IRM: maximum permitted reverse current.
- IC: rating or nominal current of the fuse (25 °C in an RM socket).
- NC: number of strings in parallel.
- Ue: fuse's maximum operating voltage.
- UOC MAX: maximum open circuit voltage in the lowest temperature conditions.

Compliance with standards

- IEC 60269-6
- IEC 60269-1
- IEC 60269-2

Link to the reference

https://emea.socomec.com/en/reference/60PV0100

Classification

UNSPSC	39121612
ETIM Class	EC000055
IGCC	4908

Commerce

Effective date	2011-07-13
Offer Life Cycle Code	40
Country of origin	IN

ETIM - Electrical characteristics

Voltage type	DC
Rated current [A]	100
Rated voltage DC [V]	1000
Utilization category	gPV

ETIM - Technical features

Fuse construction type according to IEC 60269	NH1

Logistics

GTIN/EAN	3596032616045
Customs number	8536109090
Price unit	PC
Weight of the packing unit [kg]	0.395
Length of the packing unit [m]	0.04
Width of the packing unit [m]	0.07
Depth of the packing unit [m]	0.13

Norms

Conformity to standards	IEC

Technical Characteristics

Height [mm]	53
Width [mm]	137
Depth [mm]	40
Weight [kg]	0.395
Fuse melting indicator	with T indicator
Fuse size	NH1
Rated voltage	1000 VDC
Rated current [A]	100
Type	gPV