

GPV CYLINDRICAL FUSE LINKS

491601

Cylindrical PV Fuse Link for Photovoltaic Applications
10x38 mm gPV, 1000V DC, 1A

- Designed to protect photovoltaic systems
- Current ratings up to 20A
- Able to withstand thermal stresses typically encountered by PV systems
- Breaking capacity of 3kA

PRODUCT DESCRIPTION

gPV 10x38 cylindrical fuse links from DF Electric are designed to provide compact, safe, and cost-effective protection for photovoltaic modules (string protection) with voltages up to 1000V DC. These fuses safeguard against both overloads and short circuits, meeting the standards of IEC60269-6 and UL248-19 (gPV class). Constructed with a high-strength ceramic tube, these fuse links can withstand internal pressure and thermal shock, allowing for a high breaking capacity in a compact design. The contacts are made of silver-plated copper, and the melting elements are crafted from pure silver to prevent aging, ensuring the electrical characteristics remain consistent over time.

We recommend using these fuse links with 10x38 PMX-PV fuse holders for optimal performance.

[Read more about our photovoltaic fuses and their applications here.](#)

TECHNICAL DATA

GENERAL DATA

Type	gPV
4853_Size (mm)	10x38
Rated current	1 A
Voltage dc max	1000 V
Breaking capacity	30 kA
Frequency	42...62Hz
Indicator	No

ADDITIONAL DATA

Tariff code	85361010
Country of origin	ES
Weight	8 g
Pack size	10