

FUSE 10X38 1A 1000 VDC GPV

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Similar to illustration



The gPV cylindrical fuse cartridges are designed to provide compact, safe and economical protection of photovoltaic modules (field protection) with voltages up to 1,500 DC. They provide protection against both overload and short circuit (gPV class according to the requirements of IEC60269-6 and UL248-19 standards). Made of a ceramic tube with high internal pressure and thermal shock resistance, allowing high switching capacity in a small space. The contacts are made of silver-plated copper and the fusible elements of pure silver to avoid ageing and thus keep the electrical characteristics invariable. They are available in the sizes 10x38 mm, 10x85 mm and 22x58 mm.

General ordering data

| | |
|------------|--|
| Version | Photovoltaics, Cartridge fuse, 1000 V, 10x38, gPV, 1 A |
| Order No. | 2783160000 |
| Type | FUSE 10X38 1A 1000 VDC GPV |
| GTIN (EAN) | 4064675059684 |
| Qty. | 10 items |

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

| | | | |
|----------|---------|-----------------|-------------|
| Depth | 10 mm | Depth (inches) | 0.3937 inch |
| Height | 38 mm | Height (inches) | 1.4961 inch |
| Width | 10 mm | Width (inches) | 0.3937 inch |
| Diameter | 10.3 mm | Net weight | 1 g |

Temperatures

Storage temperature -40°C ... 90°C Operating temperature range -40...80 °C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption
 REACH SVHC No SVHC above 0.1 wt%

Fuse cartridge

| | | | |
|----------------------|-------------------------------|-------------------------|--------|
| Fuse-link standard | IEC 60269-1, gPV (EN 60269-6) | Current | 1 A |
| Rated DC voltage | 1000 V | Rated breaking capacity | 30 kA |
| Material of contacts | silver-plated | Power dissipation, max. | 0.76 W |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002704 | ETIM 9.0 | EC002704 |
| ETIM 10.0 | EC002704 | ECLASS 14.0 | 27-14-20-02 |
| ECLASS 15.0 | 27-14-20-02 | | |

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Drawings

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Graph



T-I characteristic curve