

## FUSE 10X38 15A 1000 VDC GPV S

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, 15 A
Order No.	<a href="#">2827970000</a>
Type	FUSE 10X38 15A 1000 VDC GPV S
GTIN (EAN)	4064675367697
Qty.	10 items

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**Technical data**

**Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Height	38 mm	Height (inches)	1.4961 inch
Width	10 mm	Width (inches)	0.3937 inch
Diameter	10.3 mm	Net weight	10.8 g

**Temperatures**

Storage temperature	-40°C ... 90°C	Operating temperature range	-40...80 °C
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**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, IEC 60269-6, gPV (EN 60269-6)	Current	15 A
Rated DC voltage	1000 V	Rated breaking capacity	33 kA
Material of contacts	silver-plated	Power dissipation, max.	3 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**

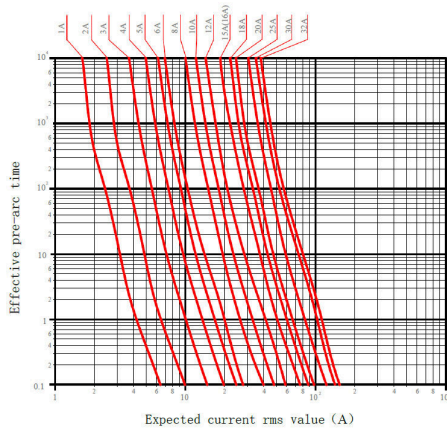


**Derating curve**



Ambient temperature derating factor curve

**Graph**



T-I characteristic curve

**Graph**



Power loss correction factor chart