

**FUSE 10X38 25A 1000 VDC GPV S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 25 A inline fuse
Order No.	<a href="#">2827990000</a>
Type	FUSE 10X38 25A 1000 VDC GPV S
GTIN (EAN)	4064675367819
Qty.	10 pc(s).

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**Technical data****Dimensions and weights**

Height	38 mm	Height (inches)	1.496 inch
Width	10 mm	Width (inches)	0.394 inch
Diameter	10.3 mm	Net weight	10.6 g

**Temperatures**

Storage temperature	-40°C ... 90°C	Operating temperature range	-40°C ... 80°C
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**Fuse cartridge**

Fuse-link standard	IEC 60269-1, IEC 60269-6, gPV (EN 60269-6)	Current	25 A
Rated DC voltage	1,000 V	Rated breaking capacity	10 kA
Contact material	silver-plated	Power dissipation, max.	3.5 W

**Classifications**

ETIM 7.0	EC002704	ETIM 8.0	EC002704
ETIM 9.0	EC002704	ECLASS 11.0	27-14-20-02
ECLASS 12.0	27-14-20-02	ECLASS 13.0	27-14-20-02

**Environmental Product Compliance**

REACH SVHC	/
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**Approvals**

ROHS	Conform
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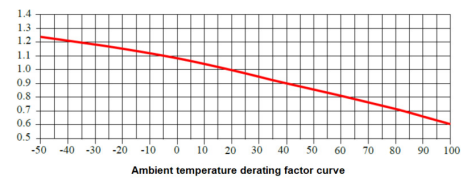
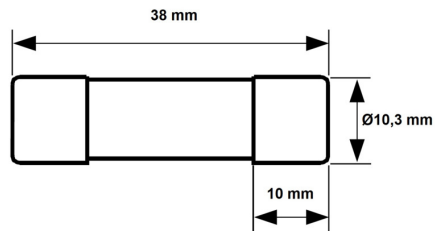
**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">CE-Declaration 10x38 gPV Fuses</a>
Technical Documentation	<a href="#">Characteristic for 10x38 gPV Fuses</a> <a href="#">Characteristic for 10x38 gPV Fuses</a> <a href="#">Characteristic for 10x38 gPV Fuses</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

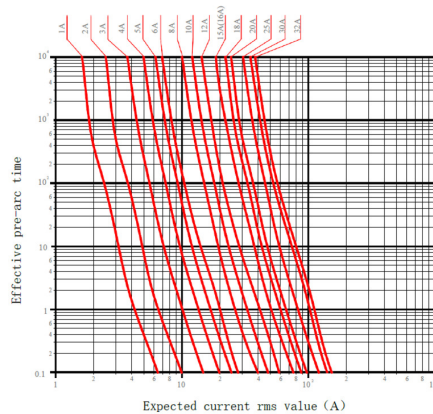
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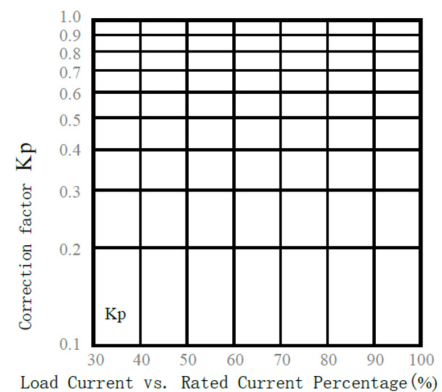
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**Drawings****Derating curve**

Ambient temperature derating factor curve

**Graph**

T-I characteristic curve

**Graph**

Power loss correction factor chart