Data sheet

FUSE 10X38 6A 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, 6 A
Order No.	2783210000
Type	FUSE 10X38 6A 1000 VDC GPV
GTIN (EAN)	4064675059936
Qty.	10 items

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Technical data

Approvals

Approvals	CE
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	7.8 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	6 A
Rated DC voltage	1000 V	Rated breaking capacity	30 kA
Material of contacts	silver-plated	Power dissapation, max.	1.84 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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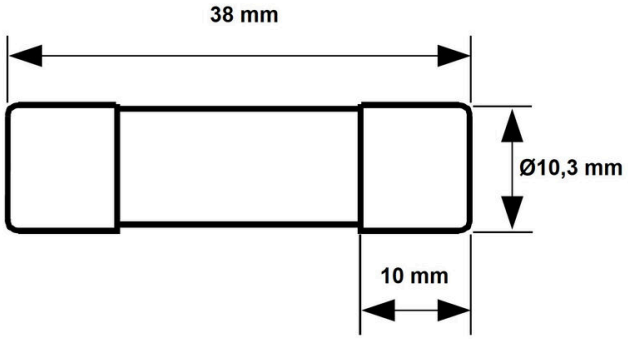
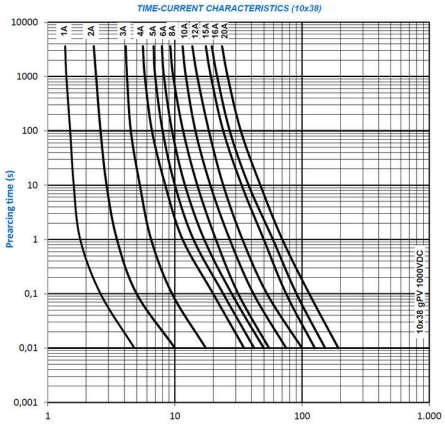
Drawings



Graph



T-I characteristic curve