

# PT 10,3-HESI 1000V - Fuse holder



3062142

<https://www.phoenixcontact.com/gb/products/3062142>

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Fuse holder, fuse type: gPV 10.3 x 38 mm in accordance with 60269-6, nom. voltage: 1000 V, nominal current: 20 A, connection method: Push-in connection, Rated cross section: 10 mm<sup>2</sup>, cross section: 1.5 mm<sup>2</sup>- 10 mm<sup>2</sup>, mounting type: NS 35/7,5, NS 35/15, color: black

## Your advantages

- Fuse holder for fusing PV strings 1000 V DC
- For 10 x 38 gPV fuse-links in accordance with IEC 60269-6

## Commercial Data

Item number	3062142
Packing unit	10 pc
Minimum order quantity	10 pc
Sales Key	BE2234
Product Key	BE2234
Catalog Page	Page 122 (C-1-2019)
GTIN	4046356724746
Weight per Piece (including packing)	53.76 g
Weight per Piece (excluding packing)	53.76 g
Customs tariff number	85369095
Country of origin	CN

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## Technical Data

### Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1

### Insulation characteristics

Overvoltage category	III
Degree of pollution	3

### Electrical properties

Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	4 W
Fuse	gPV 10.3 x 38 mm in accordance with 60269-6
Maximum power dissipation	3 W (Fuse insert)

### Connection data

Number of connections per level	2
Nominal cross section	10 mm <sup>2</sup>
Rated cross section AWG	6
Stripping length	18 mm
Connection in acc. with standard	IEC 60269-1 / -2
Conductor cross section rigid	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	16 ... 6 (converted acc. to IEC)
Conductor cross section flexible	1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross section, flexible [AWG]	14 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Nominal current	20 A (the current and voltage are determined by the fuse)
Maximum load current	20 A (the current and voltage are determined by the fuse)
Nominal voltage	1000 V DC (the current and voltage are determined by the fuse)
Nominal cross section	10 mm <sup>2</sup>

### Connection cross sections directly pluggable

Conductor cross section rigid	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross section, rigid [AWG]	16 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross section (ferrule with plastic sleeve)	2.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>

### Dimensions

Width	17.6 mm
Height NS 35/15	70.5 mm
Height NS 35/7,5	63 mm

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Length	87 mm
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## Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material group	IIIa
Insulating material	PA

## Mechanical properties

## Mechanical data

Open side panel	No
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## Environmental and real-life conditions

## Ambient conditions

Ambient temperature (operation)	-60 °C ... 85 °C
Ambient temperature (storage/transport)	-25 °C ... 55 °C (for a short time, not exceeding 24 h, -60 °C to +70 °C)
Ambient temperature (assembly)	-5 °C ... 70 °C
Ambient temperature (actuation)	-5 °C ... 70 °C
Permissible humidity (storage/transport)	30 % ... 70 %

## Standards and regulations

Connection in acc. with standard	IEC 60269-1 / -2
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## Mounting

Mounting type	NS 35/7,5
	NS 35/15

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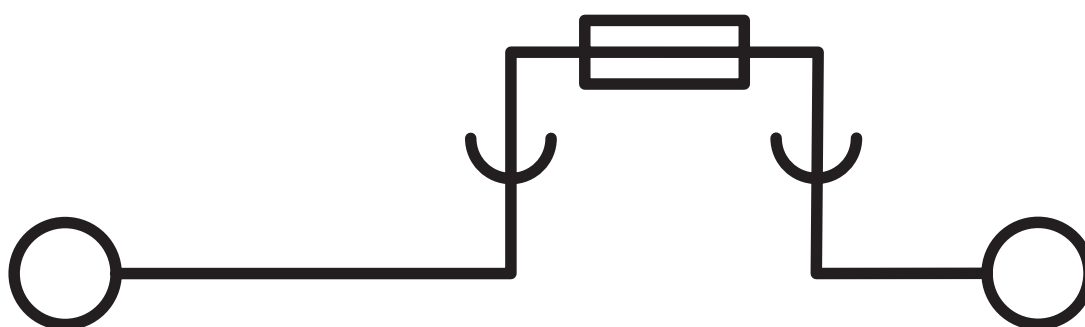


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## Drawings

Circuit diagram



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## Approvals

**EAC**

Approval ID: RU C-DE.AI30.B.01102

**EAC**

Approval ID: RU C-DE.BL08.B.00644

**UL Listed**

Approval ID: FILE E 353282

	Nominal Voltage $U_N$	Nominal Current $I_N$	Cross Section AWG	Cross Section $\text{mm}^2$
	1000 V	32 A	-	16 - 6

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## Classifications

### ECLASS

ECLASS-11.0	27141116
ECLASS-12.0	27141116
ECLASS-13.0	27250113

### ETIM

ETIM 8.0	EC000899
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental Product Compliance

China RoHS

Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

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