

PT 10,3-HESI 1000V - Fuse holder



3062142

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Fuse holder, fuse type: gPV 10.3 x 38 mm in accordance with 60269-6, nom. voltage: 1000 V DC, nominal current: 20 A, connection method: Push-in connection, Rated cross section: 10 mm², cross section: 1.5 mm²- 10 mm², 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	*****
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 ²
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 ² ... 10 mm ²
Cross section AWG	14 ... 8 (converted acc. to IEC)
Conductor cross section flexible	1.5 mm ² ... 16 mm ²
Conductor cross section, flexible [AWG]	14 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm ² ... 10 mm ²
Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm ² ... 10 mm ²
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 ²

Connection cross sections directly pluggable

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

Dimensions

Width	17.6 mm
Height	87 mm
Depth on NS 35/7,5	63 mm

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Depth on NS 35/15	70.5 mm
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Material specifications

Color	black (RAL 9005)
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 (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
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 (operation)	20 % ... 90 %
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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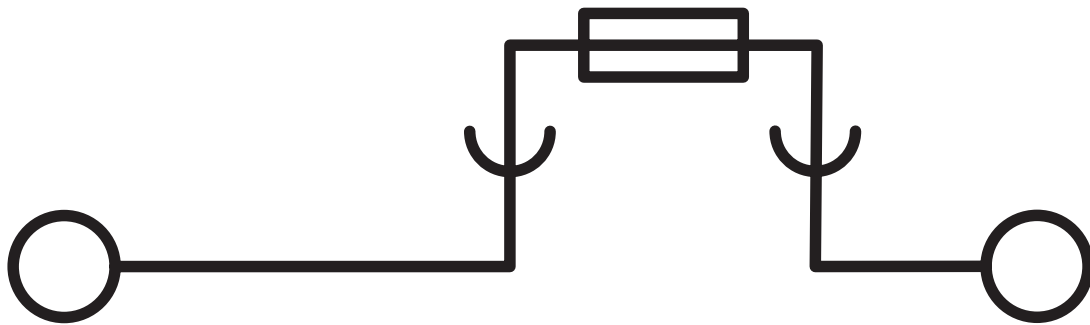


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Drawings

Circuit diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/sg/products/3062142>

 cULus Listed Approval ID: E353282	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
	1000 V	32 A	14 - 6	-

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

 EAC Approval ID: EACKZ 08593
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Classifications

ECLASS

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

ETIM

ETIM 9.0	EC000899
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UNSPSC

UNSPSC 21.0	39121400
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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105 Eunos Avenue 3, #04-00
Singapore 409836
+65 6228 4900
marketing@phoenixcontact.com.sg