

PT 10,3-HESI 1000V - Fuse holder



3062142

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	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

PT 10,3-HESI 1000V - Fuse holder



3062142

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

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

PT 10,3-HESI 1000V - Fuse holder



3062142

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

Depth on NS 35/15	70.5 mm
-------------------	---------

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
-----------------	----

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
----------------------------------	------------------

Mounting

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

PT 10,3-HESI 1000V - Fuse holder

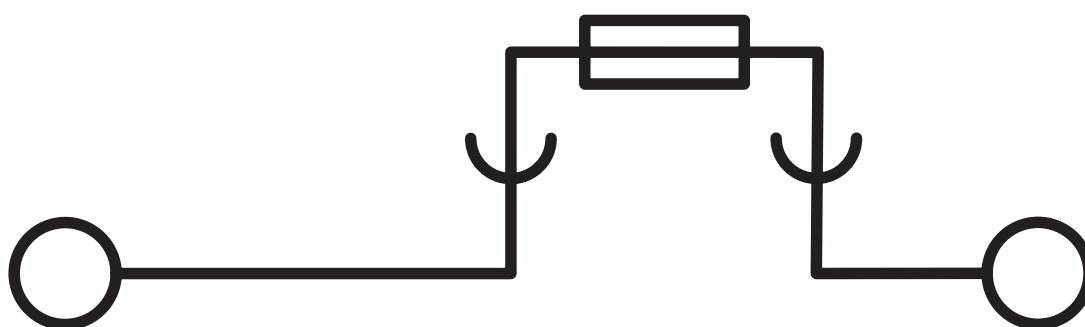


3062142

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

Drawings

Circuit diagram



PT 10,3-HESI 1000V - Fuse holder





3062142

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

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/au/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: KZ7500651131219505	
---	--

PT 10,3-HESI 1000V - Fuse holder



3062142

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

Classifications

ECLASS

ECLASS-13.0

27250113

ETIM

ETIM 9.0

EC000899

UNSPSC

UNSPSC 21.0

39121400

PT 10,3-HESI 1000V - Fuse holder



3062142

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

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
---	--------------------

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT PTY Ltd
Unit 7, 2-8 South Street
Rydalmere NSW 2116
1300 786 411
customerservice@phoenixcontact.com.au