PT 10,3-HESILED 1000V - Fuse holder

3062143

https://www.phoenixcontact.com/de/produkte/3062143

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 mm^2, cross section: 1.5 mm^2- 10 mm^2, mounting type: NS 35/7,5, NS 35/15, color: black

Your advantages

- Fuse holder for fusing PV strings 1000 V DC
- Quick identification of faulty fuses regardless of the current direction, thanks to LED status indicator
- For 10 x 38 gPV fuse-links in accordance with IEC 60269-6

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
LED voltage range	400 V DC ... 1000 V DC
Maximum power dissipation	3 W (Fuse insert)

Input data

LED voltage range	400 V DC ... 1000 V DC

Connection data

Number of connections per level	2
Nominal cross section	10 mm²
Rated cross section AWG	6
Stripping length	18 mm
Connection in acc. with standard	IEC 60269-1 / -2
Conductor cross section rigid	1.5 mm² ... 10 mm²
Cross section AWG	14 ... 8 (converted acc. to IEC)
Conductor cross section flexible	1.5 mm² ... 16 mm²
Conductor cross section, flexible [AWG]	14 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm² ... 10 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	1.5 mm² ... 10 mm²
Nominal current	20 A (the current is determined by the fuse used)
Maximum load current	20 A (the current is determined by the fuse used)
Nominal voltage	1000 V DC (the voltage is determined by the fuse used)
Nominal cross section	10 mm²

Connection cross sections directly pluggable

Conductor cross section rigid	1.5 mm² ... 10 mm²
Conductor cross section, rigid [AWG]	16 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm² ... 10 mm²
Flexible conductor cross section (ferrule with plastic sleeve)	2.5 mm² ... 10 mm²

Dimensions

Width	17.6 mm
Height	87 mm
Depth on NS 35/7,5	63 mm
Depth on NS 35/15	70.5 mm

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

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

Phoenix Contact 2024 © - all rights reserved
https://www.phoenixcontact.com

PHOENIX CONTACT Deutschland GmbH
Flachsmarktstraße 8
D-32825 Blomberg
+49 52 35/3-1 20 00
info@phoenixcontact.de