

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

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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
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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