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

Your advantages

- Time-saving conductor connection thanks to tool-free direct-connection technology
- Convenient plugging with lower insertion force
- Easy integration and replacement of fuses with the lever element
- High conductor pull-out forces due to the spring design
- Full flexibility thanks to the standardized CLIPLINE complete bridging, marking, and testing accessories
- Easy checking of the fuses with integrated test pick-offs

Commercial data

Item number	3062142
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE2234
Product key	BE2234
GTIN	4046356724746
Weight per piece (including packing)	53.61 g
Weight per piece (excluding packing)	53.6 g
Customs tariff number	85369095
Country of origin	CN

Technical data

Notes

Order information:	Fuse-link not supplied as standard

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 mm²
Rated cross section AWG	6
Connection method	Push-in connection
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 cross section	10 mm²
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)

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 (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

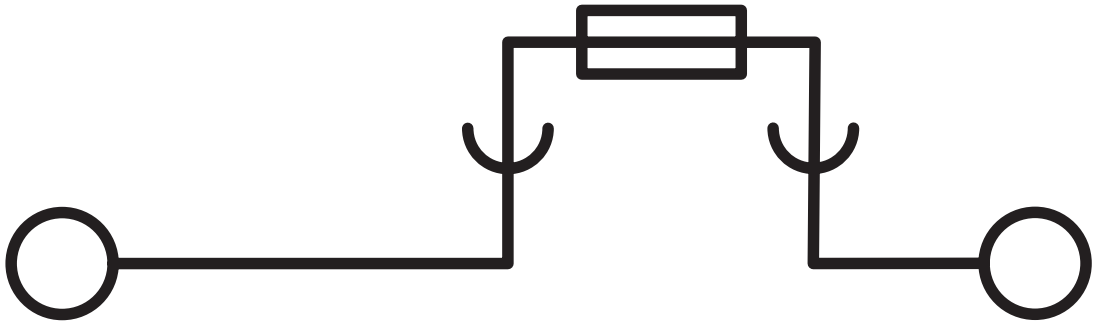
Connection in acc. with standard	IEC 60269-1 / -2

Mounting

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

Drawings

Circuit diagram



Approvals

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cULus Listed
Approval ID: E353282

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
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	1000 V	32 A	14 - 6	-

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

EAC
Approval ID: KZ7500651131219505

Classifications

ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

ETIM

ETIM 10.0	EC000899

UNSPSC

UNSPSC 21.0	39121400

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%

EF3.1 Climate Change

CO2e kg	0.98 kg CO2e

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