

# 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<sup>2</sup>, cross section: 1.5 mm<sup>2</sup>- 10 mm<sup>2</sup>, 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	BE22
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

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## Technical data

### Notes

Order information:	Fuse-link not supplied as standard
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### 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 <sup>2</sup>
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 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Cross section AWG	14 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	1.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross-section, flexible [AWG]	14 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	1.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Nominal cross section	10 mm <sup>2</sup>
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 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Conductor cross-section, rigid [AWG]	16 ... 6 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	4 mm <sup>2</sup> ... 10 mm <sup>2</sup>
Flexible conductor cross-section (ferrule with plastic sleeve)	2.5 mm <sup>2</sup> ... 10 mm <sup>2</sup>

## Dimensions

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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
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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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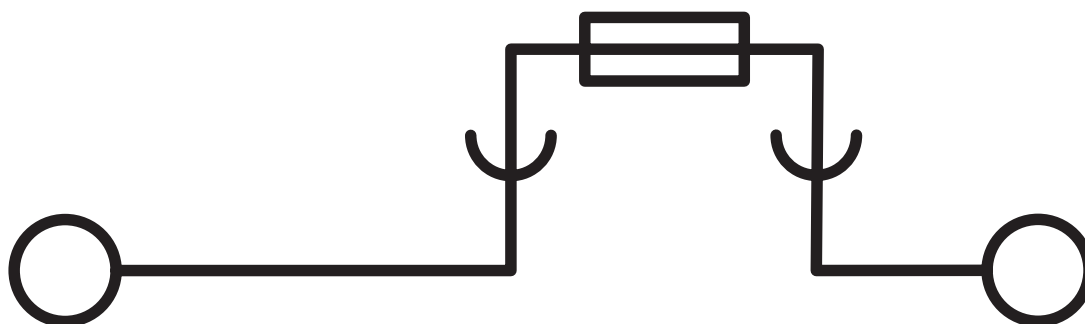


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## Drawings

Circuit diagram



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## Approvals

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 <b>cULus Listed</b> Approval ID: E353282				
	Nominal voltage $U_N$	Nominal current $I_N$	Cross section AWG	Cross section $\text{mm}^2$
keine				
	1000 V	32 A	14 - 6	-

 <b>EAC</b> Approval ID: RU C-DE.BL08.B.00644	
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 <b>EAC</b> Approval ID: KZ7500651131219505	
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## Classifications

### ECLASS

ECLASS-13.0	27250113
ECLASS-15.0	27250113

### ETIM

ETIM 10.0	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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### EF3.1 Climate Change

CO2e kg	0.98 kg CO2e
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