

PT 10,3-HESI 1000V - Fuse holder



3062142

<https://www.phoenixcontact.com/us/products/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

- 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 ²
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 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 cross section	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)

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

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3062142

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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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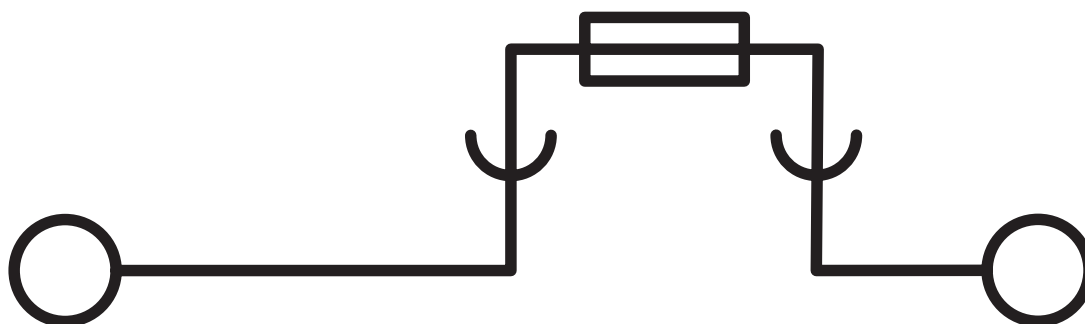


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Drawings

Circuit diagram



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3062142


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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
keine				
	1000 V	32 A	14 - 6	-

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