PT 6-HESILED 60 (6,3X32) - Fuse modular terminal block

3211868

https://www.phoenixcontact.com/us/products/3211868

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The figure shows a version of the article

Fuse modular terminal block, fuse type: Glass / ceramics / ..., fuse type: G / 6,3 x 32, nom. voltage: 60 V, nominal current: 10 A, connection method: Push-in connection, Rated cross section: 6 mm^2, cross section: 0.5 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 optical signal unit

Commercial data

Item number	3211868
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	BE22
Product key	BE2234
GTIN	4046356494625
Weight per piece (including packing)	26.44 g
Weight per piece (excluding packing)	26 g
Customs tariff number	85369095
Country of origin	CN

Technical data

Notes

Order information:	Fuse-link not supplied as standard
General	The current is determined by the fuse used, the voltage by the selected LED. If the fuse is faulty, the downstream circuit will not be disconnected.

Product properties

Product type	Fuse terminal block
Number of connections	2
Number of rows	1
Potentials	1

Insulation characteristics

Overvoltage category	III
Degree of pollution	3

Electrical properties

Fuse type	Glass / ceramics / ...
Rated surge voltage	6 kV
Maximum power dissipation for nominal condition	1.31 W
Fuse	G / 6,3 x 32
LED voltage range	30 V AC/DC ... 60 V AC/DC (LED red)
LED current range	0.4 mA ... 0.86 mA
Maximum power dissipation	max. 1.6 W (with single arrangement of the fuse terminal block in the event of overload)
	max. 1.6 W (With interconnected arrangement of several fuse terminal blocks in the event of overload)
	max. 4 W (with single arrangement of the fuse terminal block in the event of a short-circuit)
	max. 2.5 W (With interconnected arrangement of several fuse terminal blocks in the event of a short-circuit)

Input data

LED voltage range	30 V AC/DC ... 60 V AC/DC (LED red)

Connection data

Number of connections per level	2
Nominal cross section	6 mm²
Rated cross section AWG	10
Connection method	Push-in connection
Stripping length	10 mm ... 12 mm
Internal cylindrical gage	A5
Connection in acc. with standard	IEC 60947-7-3

Conductor cross-section rigid	0.5 mm² ... 10 mm²
Cross section AWG	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible	0.5 mm² ... 10 mm²
Conductor cross-section, flexible [AWG]	20 ... 8 (converted acc. to IEC)
Conductor cross-section flexible ultrasound-compressed	0.34 mm² ... 10 mm²
Conductor cross-section, flexible [AWG] ultrasound-compressed	22 ... 8 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve)	0.5 mm² ... 6 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	0.5 mm² ... 6 mm²
2 conductors with the same cross section, flexible, with TWIN ferrule with plastic sleeve	0.5 mm² ... 2.5 mm² When using TWIN ferrules, we recommend a minimum ferrule length of 13 mm.
Nominal cross section	6 mm²
Nominal current	10 A
Maximum load current	10 A (the current is determined by the fuse used)
Nominal voltage	60 V

Connection cross sections directly pluggable

Conductor cross-section rigid	1 mm² ... 10 mm²
Conductor cross-section flexible (ferrule without plastic sleeve)	1 mm² ... 6 mm²
Flexible conductor cross-section (ferrule with plastic sleeve)	1 mm² ... 6 mm²

Dimensions

Width	8.2 mm
End cover width	2.2 mm
Height	74.5 mm
Depth	61.5 mm
Depth on NS 35/7,5	69 mm
Depth on NS 35/15	76.5 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Insulating material group	I
Insulating material	PA

Mechanical properties

Mechanical data

Open side panel	No

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 110 °C (Operating temperature range incl. self-heating; for max. short-term operating temperature, see RTI Elec.)
Ambient temperature (storage/transport)	-25 °C ... 60 °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

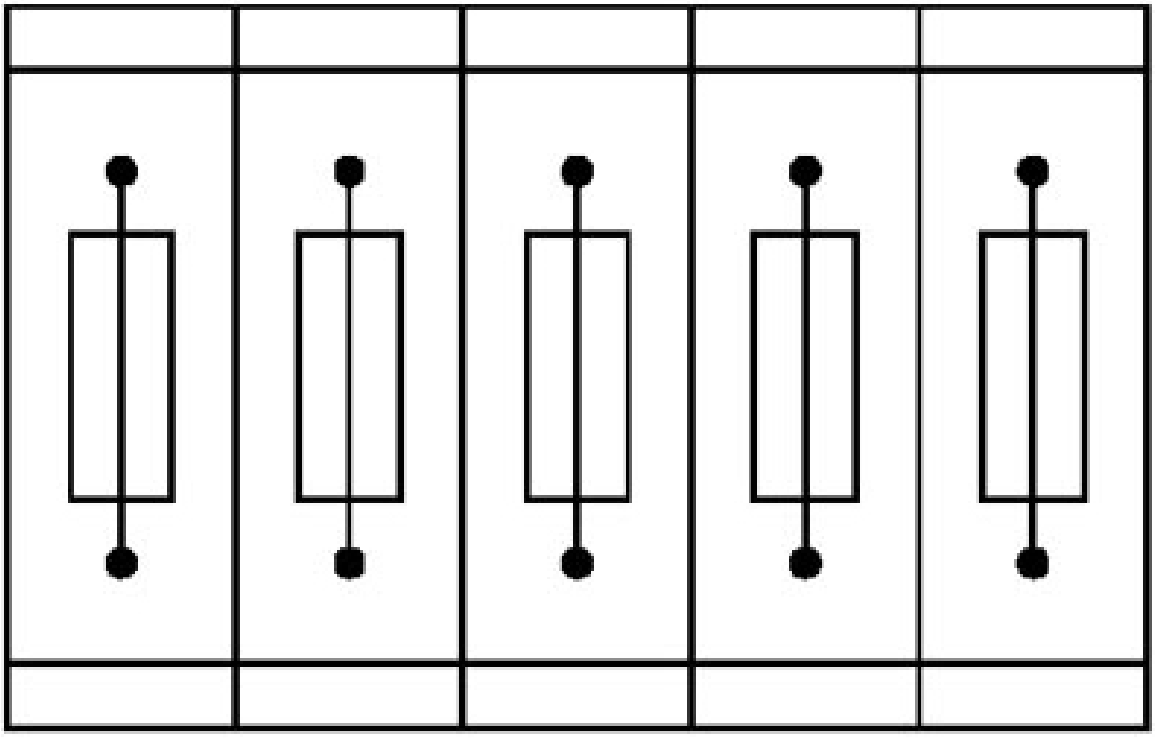
Connection in acc. with standard	IEC 60947-7-3

Mounting

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

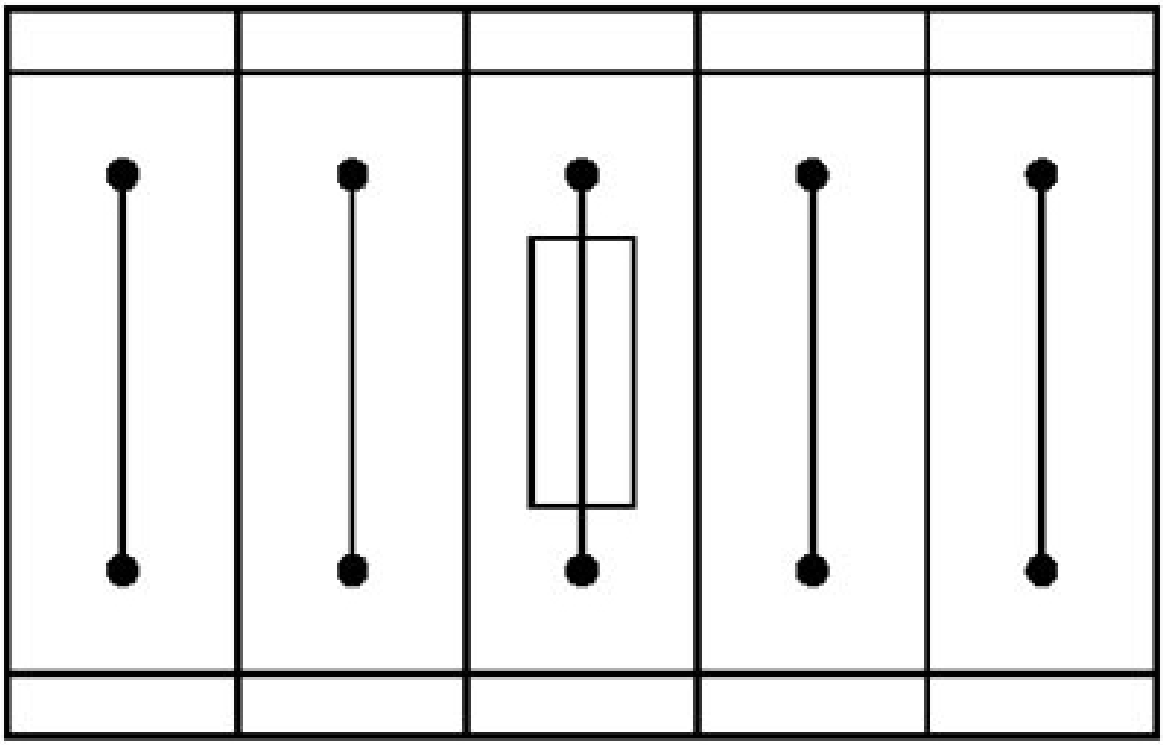
Drawings

Application drawing



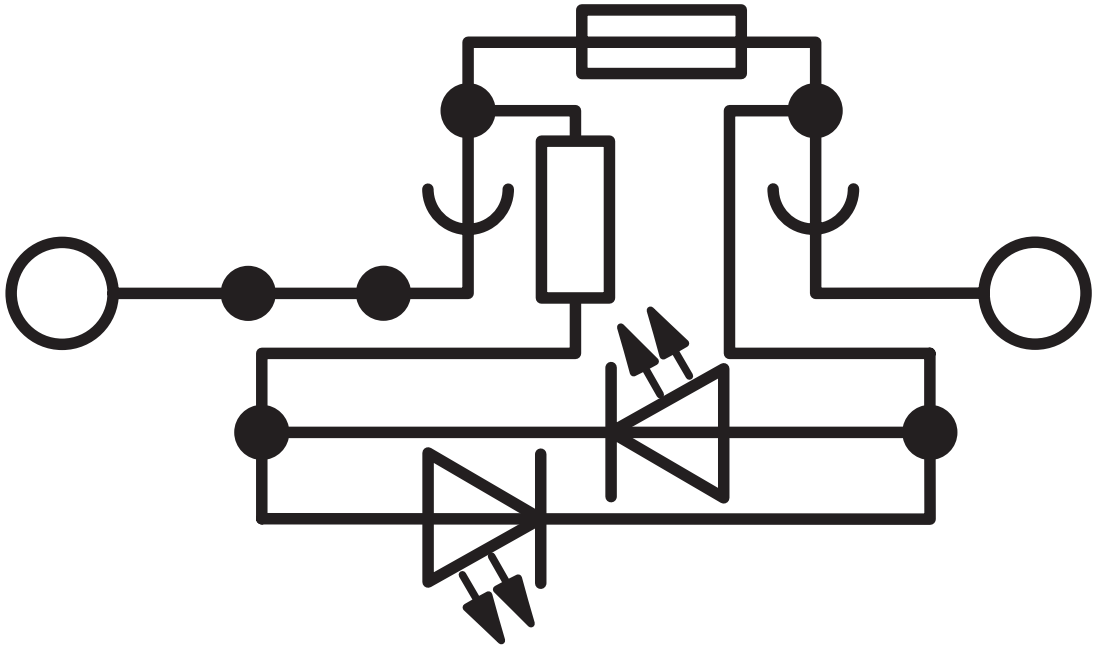
Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

Application drawing



Fuse terminal block in single arrangement,
block consisting of one fuse terminal block and 4 feed-through terminal blocks

Circuit diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3211868

DNV
Approval ID: TAE000010T

CSA
Approval ID: 158887

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	10 A	20 - 8	-
C				
	300 V	10 A	20 - 8	-
D				
	600 V	5 A	20 - 8	-

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

cULus Recognized
Approval ID: E60425

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	10 A	20 - 8	-
C				
	300 V	10 A	20 - 8	-
D				
	600 V	5 A	20 - 8	-

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%

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