

P-FU 6,3X32 LED 60 - Fuse plug



3046511

<https://www.phoenixcontact.com/us/products/3046511>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Fuse plug, nominal current: 10 A, connection method: Plug-in connection, fuse type: G / 6,3 x 32, mounting type: Plug-in mounting, color: black

Your advantages

- Large-surface labeling option
- Versions with bipolar error display
- Test contacts on both sides of the fuse
- Can be used for overload/short-circuit protection

Commercial data

Item number	3046511
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE19
Product key	BE1Z3X
GTIN	4046356113090
Weight per piece (including packing)	6.58 g
Weight per piece (excluding packing)	6.58 g
Customs tariff number	85369095
Country of origin	PL

P-FU 6,3X32 LED 60 - Fuse plug



3046511

<https://www.phoenixcontact.com/us/products/3046511>

Technical data

Notes

Notes on operation	Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block.
--------------------	---

Product properties

Product type	Fuse
Potentials	1

Insulation characteristics

Degree of pollution	3
---------------------	---

Electrical properties

Fuse	G / 6,3 x 32
LED voltage range	30 V AC/DC ... 60 V AC/DC
LED current range	0.4 mA ... 0.86 mA

Input data

LED voltage range	30 V AC/DC ... 60 V AC/DC
-------------------	---------------------------

Connection data

Connection method	Plug-in connection
Nominal current	10 A (the current is determined by the fuse used)
Maximum load current	10 A (the current is determined by the fuse used)

Dimensions

Width	8.2 mm
Height	40 mm
Depth	27 mm
Length	40 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V0
Insulating material	PA
Static insulating material application in cold	-60 °C
Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21))	130 °C
Relative insulation material temperature index (Elec., UL 746 B)	130 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24	HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26	HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354)	28 MJ/kg

P-FU 6,3X32 LED 60 - Fuse plug



3046511

<https://www.phoenixcontact.com/us/products/3046511>

Surface flammability NFPA 130 (ASTM E 162)	passed
Specific optical density of smoke NFPA 130 (ASTM E 662)	passed
Smoke gas toxicity NFPA 130 (SMP 800C)	passed

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-60 °C ... 105 °C (max. short-term operating temperature 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 (storage/transport)	30 % ... 70 %

Mounting

Mounting type	Plug-in mounting
---------------	------------------

P-FU 6,3X32 LED 60 - Fuse plug

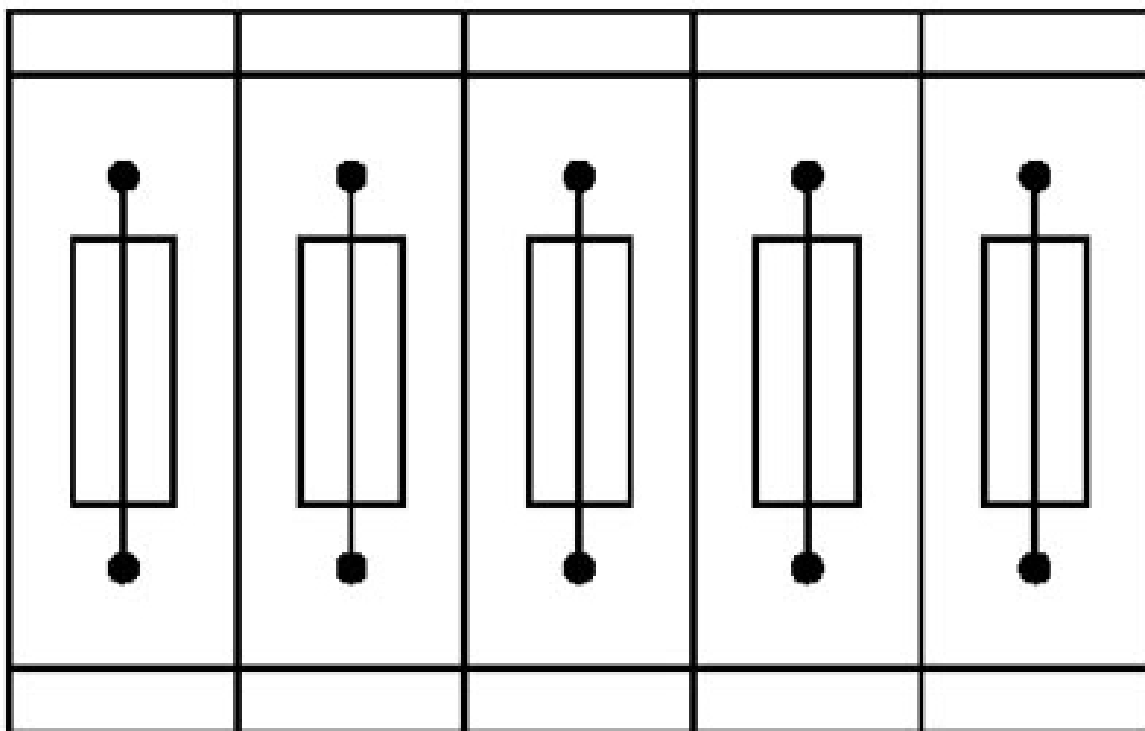
3046511

<https://www.phoenixcontact.com/us/products/3046511>



Drawings

Application drawing



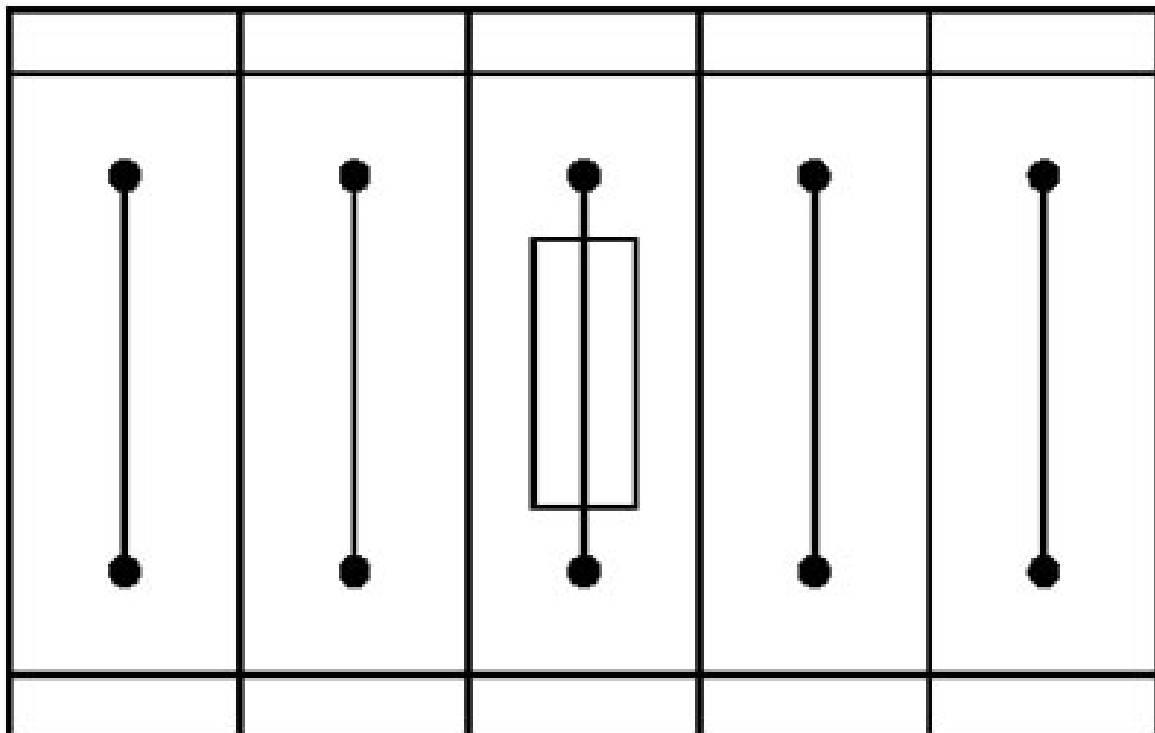
Fuse terminal blocks in interconnected arrangement,
block consisting of 5 fuse terminal blocks

P-FU 6,3X32 LED 60 - Fuse plug

3046511

<https://www.phoenixcontact.com/us/products/3046511>

Application drawing



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

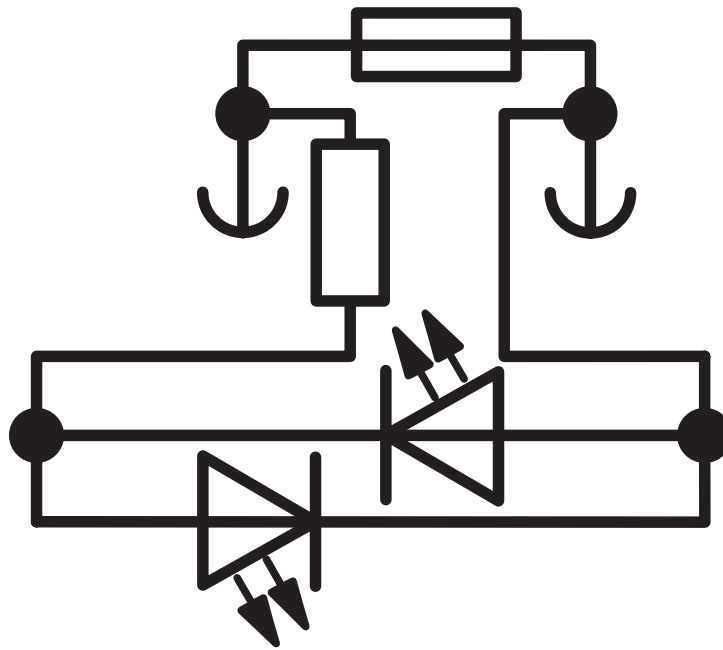
P-FU 6,3X32 LED 60 - Fuse plug

3046511

<https://www.phoenixcontact.com/us/products/3046511>



Circuit diagram



P-FU 6,3X32 LED 60 - Fuse plug



3046511

<https://www.phoenixcontact.com/us/products/3046511>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/3046511>

 CSA Approval ID: 2030668				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	60 V	10 A	-	-

 EAC Approval ID: RU C-DE.BL08.B.00714				
---	--	--	--	--

 cULus Recognized Approval ID: E60425				
	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
B				
	300 V	20 A	-	-
C				
	300 V	20 A	-	-

P-FU 6,3X32 LED 60 - Fuse plug



3046511

<https://www.phoenixcontact.com/us/products/3046511>

Classifications

ECLASS

ECLASS-13.0	27250305
ECLASS-15.0	27250305

ETIM

ETIM 9.0	EC002018
----------	----------

UNSPSC

UNSPSC 21.0	39121600
-------------	----------

P-FU 6,3X32 LED 60 - Fuse plug



3046511

<https://www.phoenixcontact.com/us/products/3046511>

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%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com