P-FU 5X20 LED 24-EX - Fuse plug

3036821

https://www.phoenixcontact.com/us/products/3036821

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, Prior to replacing the cartridge fuse, disconnect the fuse connector from the basic terminal block., nom. voltage: 24 V, nominal current: 6.3 A, fuse type: G / 5 x 20, 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	3036821
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	BE29
Product key	BE2Z3X
Catalog page	Page 163 (C-1-2019)
GTIN	4046356919227
Weight per piece (including packing)	4.225 g
Weight per piece (excluding packing)	4.14 g
Customs tariff number	85369095
Country of origin	PL

3036821

https://www.phoenixcontact.com/us/products/3036821

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 / 5 x 20
LED voltage range	12 V DC ... 30 V DC
LED current range	0.31 mA ... 0.95 mA

Input data

LED voltage range	12 V DC ... 30 V DC

Connection data

Nominal current	6.3 A (the current is determined by the fuse used)
Maximum load current	6.3 A (the current is determined by the fuse used)
Nominal voltage	24 V (The voltage is determined by the fuse or selected LED display)

Dimensions

Width	6.2 mm
Height	28 mm
Depth	25 mm
Length	28 mm

Material specifications

Color	black
Flammability rating according to UL 94	V0
Insulating material	PA

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, no longer than 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 %

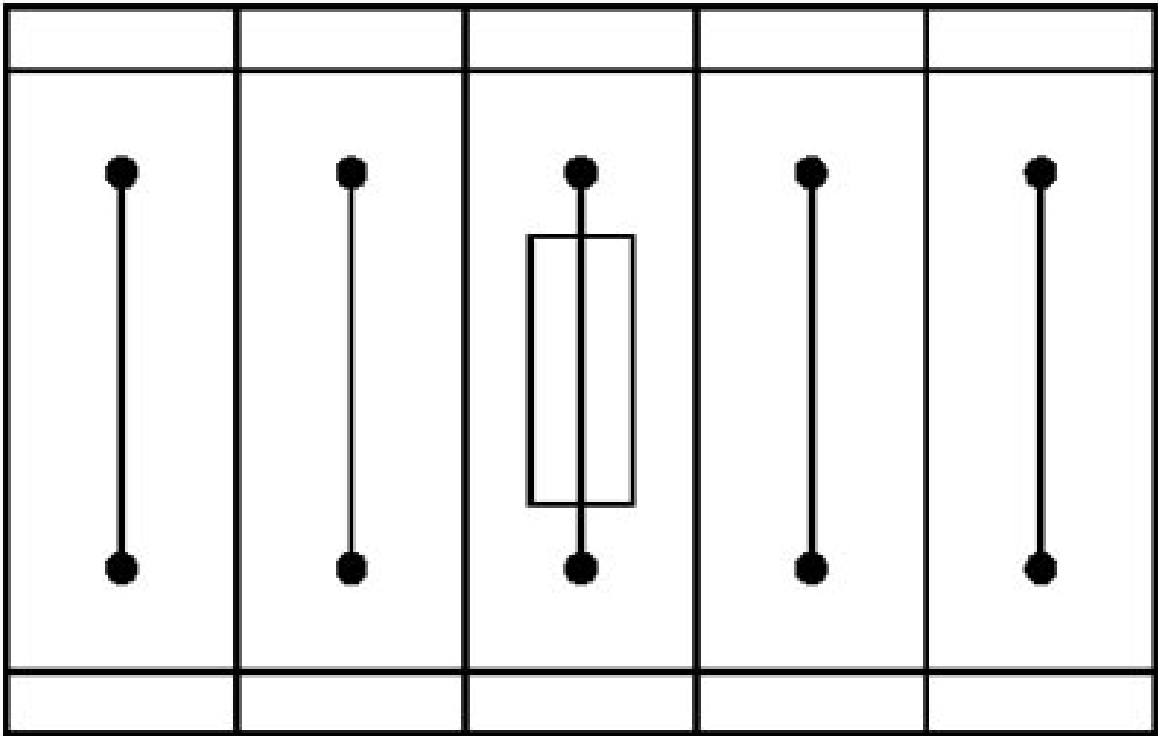# P-FU 5X20 LED 24-EX - Fuse plug

3036821

https://www.phoenixcontact.com/us/products/3036821

Drawings

Application drawing

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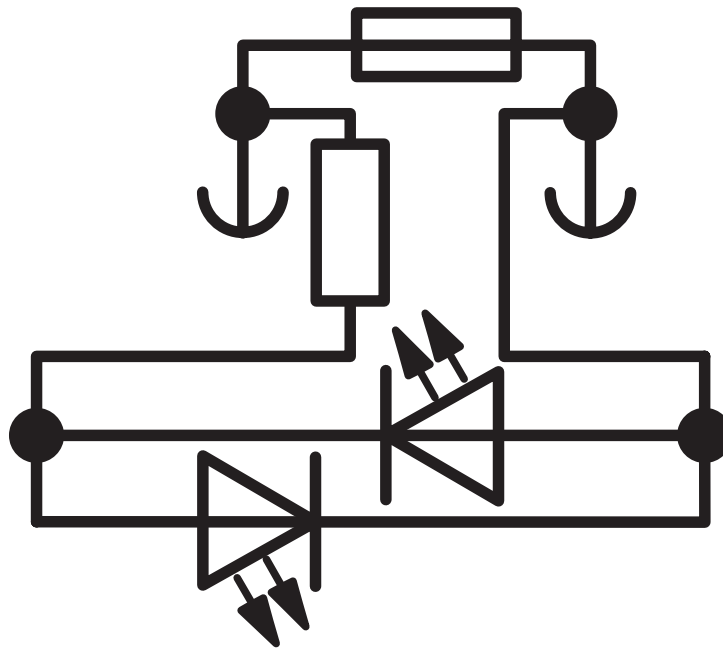block consisting of one fuse terminal block and 4 feed-through terminal blocks

P-FU 5X20 LED 24-EX - Fuse plug

3036821

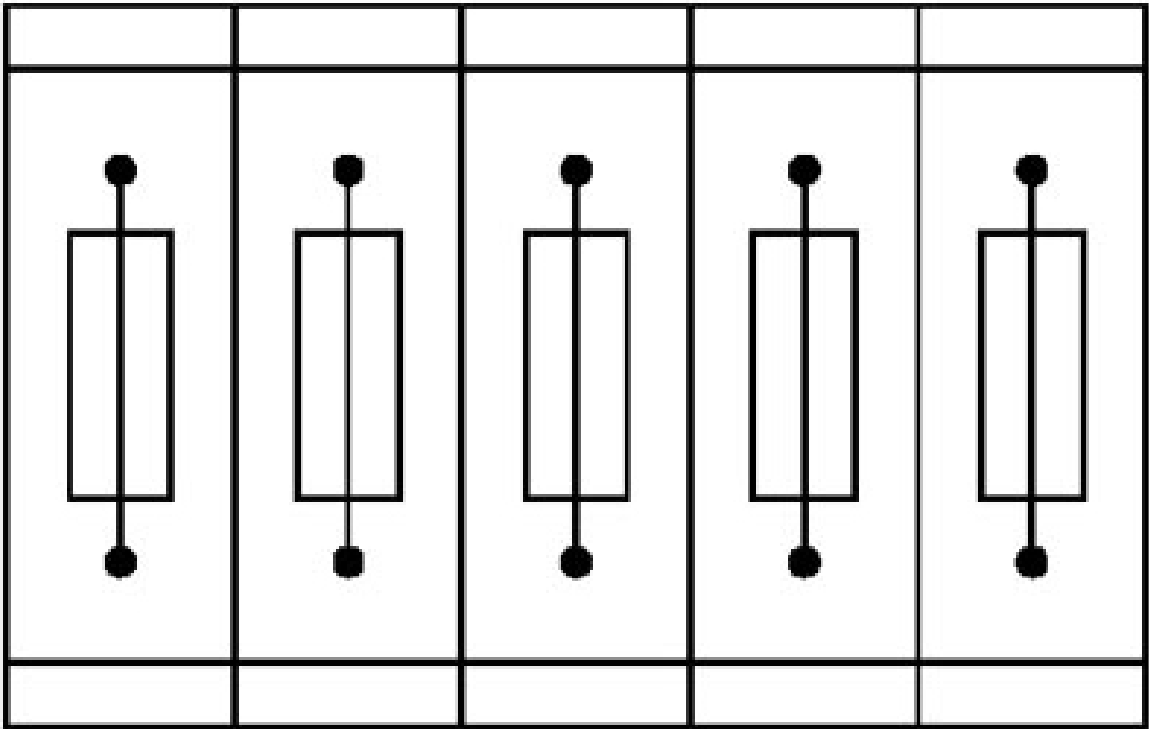https://www.phoenixcontact.com/us/products/3036821

Circuit diagram

Application drawing

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

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/3036821

CSA
Approval ID: 2030668

CSA
Approval ID: 2030668

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

cUL Recognized
Approval ID: E192998

EAC Ex
Approval ID: RU C-DE.Ax07.B.03227

UL Recognized
Approval ID: E192998

CCC
Approval ID: 2020322313000632

UKCA-EX
Approval ID: UL22UKEX2452U

cULus Recognized

P-FU 5X20 LED 24-EX - Fuse plug

3036821

https://www.phoenixcontact.com/us/products/3036821

Classifications

ECLASS

ECLASS-11.0	27141149
ECLASS-12.0	27141149
ECLASS-13.0	27250305

ETIM

ETIM 9.0	EC002018

UNSPSC

UNSPSC 21.0	39121600

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