PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

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Safety plug adapter for use on a 6.2 mm PLC basic terminal block. For 5 x 20 mm fuses. Operating voltage: 120 ... 230 V AC/DC. With LED for fuse failure indication.

Commercial data

Item number	1186508
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	C461
Product key	CK62Z4
GTIN	4063151228309
Weight per piece (including packing)	12.43 g
Weight per piece (excluding packing)	12 g
Customs tariff number	85366990
Country of origin	CN

PLC-FA-I-5X20-120-230UC - Fuse adapter

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Technical data

Notes

Notes on operation	If the fuse is defective, the downstream circuit is not off load. Current consumption when fuse is defective.

Product properties

Product type	Adapter
Product family	PLC-INTERFACE
Application	Adapter

Insulation characteristics

Insulation	Safe isolation, reinforced insulation

Insulation characteristics: Air clearances and creepage distances in a circuit

Insulation	Safe isolation, reinforced insulation
Overvoltage category	III
Pollution degree	2

Electrical properties

Fuse	G / 5 x 20

Air clearances and creepage distances in a circuit

Rated insulation voltage	250 V AC
Rated surge voltage	6 kV

Supply

Current consumption	0.4 mA ... 1.3 mA (LED display)

Dimensions

Width	6.2 mm
Height	80 mm
Depth	130 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Degree of protection (Installation location)	IP54 (Installation location)
Ambient temperature (operation)	-40 °C ... 85 °C (observe derating)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 2000 m

Standards and regulations

Air clearances and creepage distances in a circuit

Standards/regulations	DIN EN 50178

Mounting

Mounting position	any

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Drawings

Circuit diagram

11 (+)

12   **14**

Load

(-)

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Diagram
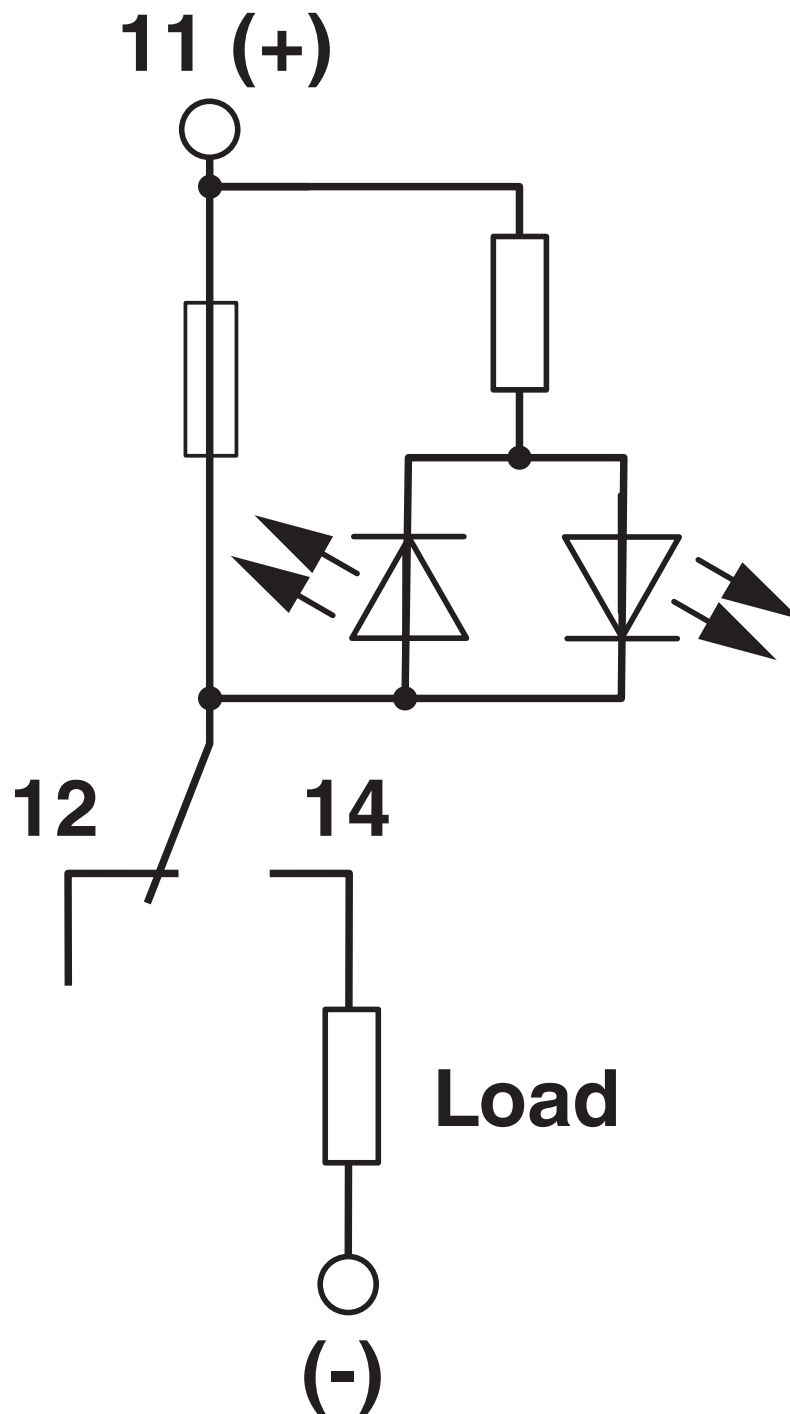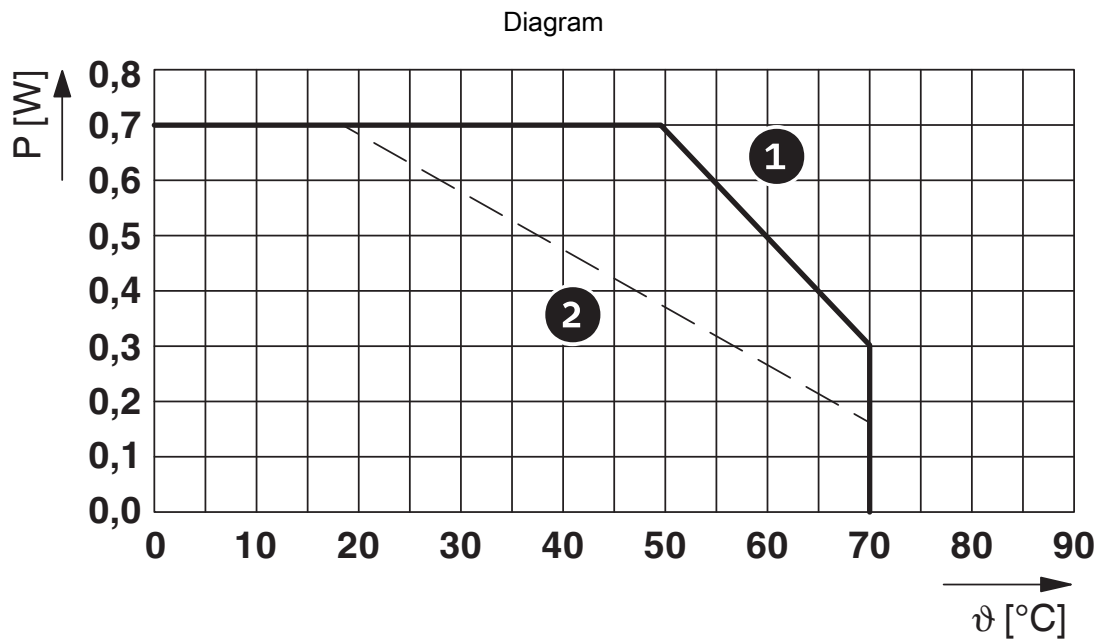
Derating: Short-circuit protection only: Nominal value 6.3 A / 0.7 W
(1) Separate arrangement
(2) Compound arrangement

Diagram
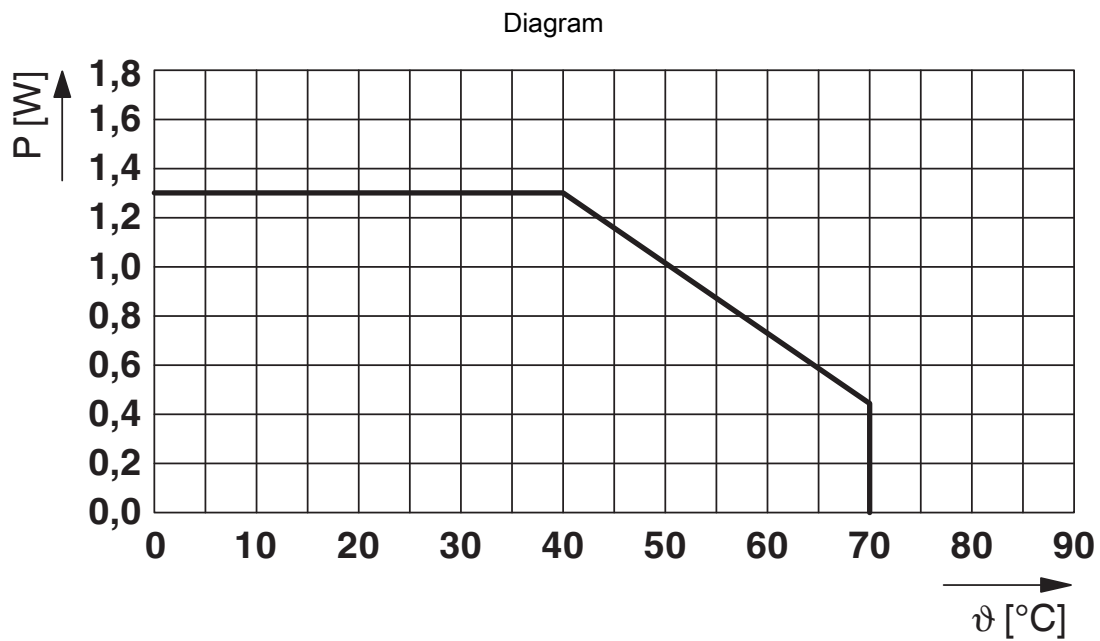
Derating: Overload and short-circuit protection: Nominal value 6.3 A / 1.6 W

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1186508

cULus Listed
Approval ID: E140324

cULus Listed
Approval ID: E199827

PLC-FA-I-5X20-120-230UC - Fuse adapter

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Classifications

ECLASS

ECLASS-11.0	27371392
ECLASS-12.0	27371392
ECLASS-13.0	27371392

ETIM

ETIM 8.0	EC002498

UNSPSC

UNSPSC 21.0	39121100

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

PLC-FA-I-5X20-120-230UC - Fuse adapter

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Mandatory accessories

PLC-BPT- 24DC/21RW - Relay base

2900261

https://www.phoenixcontact.com/us/products/2900261

6.2 mm PLC basic terminal block for railway applications with Push-in connection, without relay or solid-state relay, range from 0.7 x U_N to 1.25 x U_N, temperature range from -25°C to +70°C, 1 changeover contact, input voltage 24 V DC

PLC-BPT-120UC/21 - Relay base

2900280

https://www.phoenixcontact.com/us/products/2900280

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 120 V AC/DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BPT-230UC/21 - Relay base

2900281

https://www.phoenixcontact.com/us/products/2900281

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 230 V AC/DC

PLC-BPT- 5DC/21 - Relay base

2900443

https://www.phoenixcontact.com/us/products/2900443

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 5 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BPT- 24DC/21 - Relay base

2900445

https://www.phoenixcontact.com/us/products/2900445

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

PLC-BPT- 24UC/21 - Relay base

2900446

https://www.phoenixcontact.com/us/products/2900446

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BPT- 24DC/ 1/ACT - Relay base

2900449

https://www.phoenixcontact.com/us/products/2900449

6.2 mm PLC basic terminal block for output functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V DC

PLC-BPT- 24UC/ 1/ACT - Relay base

2900450

https://www.phoenixcontact.com/us/products/2900450

6.2 mm PLC basic terminal block for output functions with push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BPT-120UC/21/SO46 - Relay base

2900453

https://www.phoenixcontact.com/us/products/2900453

6.2 mm PLC basic terminal block against interference currents/voltages on the control side with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with integrated RCZ filter, 1 changeover contact, input voltage 120 V AC

PLC-BPT-230UC/21/SO46 - Relay base

2900455

https://www.phoenixcontact.com/us/products/2900455

6.2 mm PLC basic terminal block against interference currents/voltages on the control side with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with integrated RCZ filter, 1 changeover contact, input voltage 230 V AC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

RIF-0-BSC/21 - Relay base

2900957

https://www.phoenixcontact.com/us/products/2900957

RIF-0... relay base, for miniature power relay with 1 changeover contact or identical solid-state relays, screw connection, for mounting on NS 35/7,5

RIF-0-BPT/21 - Relay base

2900958

https://www.phoenixcontact.com/us/products/2900958

Relay base RIF-0..., for miniature power relay with 1 changeover contact or solid-state relays of the same design, Push-in connection, for mounting on NS 35/7,5
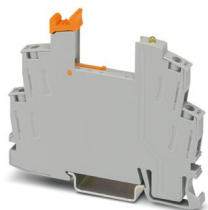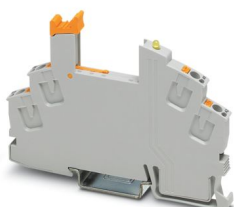
PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

RIF-0-BSC/ 1 - Relay base

2901872

https://www.phoenixcontact.com/us/products/2901872

RIF-0... relay base, for miniature power relay with 1 N/O contact or identical solid-state relays, screw connection, for mounting on NS 35/7,5

RIF-0-BPT/1 - Relay base

2901873

https://www.phoenixcontact.com/us/products/2901873

RIF-0... relay base, for miniature power relay with 1 N/O contact or solid-state relays of the same design, push-in connection, for mounting on NS 35/7,5

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BPT-125DC/21 - Relay base

2904590

https://www.phoenixcontact.com/us/products/2904590

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 125 V DC

PLC-BSC- 24DC/21 - Relay base

2966016

https://www.phoenixcontact.com/us/products/2966016

6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BSC- 24UC/21 - Relay base

2966029

https://www.phoenixcontact.com/us/products/2966029

6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 24 V AC/DC

PLC-BSC-120UC/21 - Relay base

2966032

https://www.phoenixcontact.com/us/products/2966032

6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 120 V AC/DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BSC-230UC/21 - Relay base

2966045

https://www.phoenixcontact.com/us/products/2966045

6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 230 V AC/DC

PLC-BSC- 24DC/ 1/ACT - Relay base

2966058

https://www.phoenixcontact.com/us/products/2966058

6.2 mm PLC basic terminal block for output functions with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BSC- 5DC/21 - Relay base

2980225

https://www.phoenixcontact.com/us/products/2980225

6.2 mm PLC basic terminal block with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 5 V DC

PLC-BSC-120UC/21/SO46 - Relay base

2980319

https://www.phoenixcontact.com/us/products/2980319

6.2 mm PLC basic terminal block with protection against interference currents/voltages on the control side, with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with integrated RCZ filter, 1 changeover contact, input voltage 120 V AC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BSC-230UC/21/SO46 - Relay base

2980335

https://www.phoenixcontact.com/us/products/2980335

6.2 mm PLC basic terminal block with protection against interference currents/voltages on the control side, with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with integrated RCZ filter, 1 changeover contact, input voltage 230 V AC

PLC-BSC- 24DC/21/SO46 - Relay base

2980458

https://www.phoenixcontact.com/us/products/2980458

6.2 mm PLC basic terminal block with protection against interference currents/voltages on the control side, with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with increased input current consumption, 1 changeover contact, input voltage 24 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

PLC-BSC- 24UC/ 1/ACT - Relay base

2982799

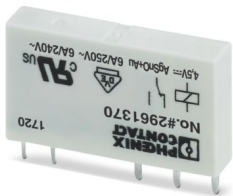https://www.phoenixcontact.com/us/products/2982799

6.2 mm PLC basic terminal block for output functions with screw connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, with load return line connection (BB), 1 N/O contact, input voltage 24 V AC/DC

REL-MR- 4,5DC/21AU - Single relay

2961370

https://www.phoenixcontact.com/us/products/2961370

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 4.5 V DC
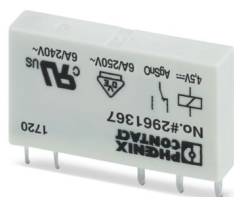
PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 4,5DC/21 - Single relay
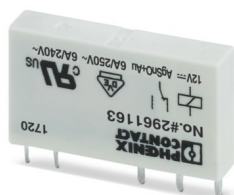
2961367

https://www.phoenixcontact.com/us/products/2961367

Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 4.5 V DC

REL-MR- 12DC/21AU - Single relay

2961163

https://www.phoenixcontact.com/us/products/2961163

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 12 V DC
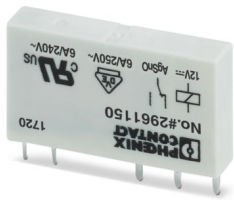
PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 12DC/21 - Single relay

2961150

https://www.phoenixcontact.com/us/products/2961150

Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 12 V DC

REL-MR- 12DC/21/MS - Single relay

2909641

https://www.phoenixcontact.com/us/products/2909641

Plug-in miniature power relay, with power contact, 1 changeover contact, manual operation, 12 V DC input voltage
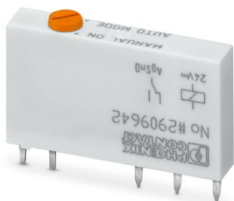
PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 12DC/21AU/MS - Single relay

2909644

https://www.phoenixcontact.com/us/products/2909644

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, manual operation, 12 V DC input voltage

REL-MR- 18DC/21 - Single relay

2961383

https://www.phoenixcontact.com/us/products/2961383

Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 18 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 18DC/21AU - Single relay

2961493

https://www.phoenixcontact.com/us/products/2961493

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 18 V DC

REL-MR- 24DC/21 - Single relay

2961105

https://www.phoenixcontact.com/us/products/2961105

Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 24 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 24DC/21AU - Single relay

2961121
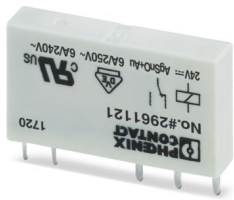
https://www.phoenixcontact.com/us/products/2961121

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 24 V DC

REL-MR- 24DC/21/MS - Single relay

2909642

https://www.phoenixcontact.com/us/products/2909642

Plug-in miniature power relay, with power contact, 1 changeover contact, manual operation, 24 V DC input voltage

PLC-FA-I-5X20-120-230UC - Fuse adapter

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https://www.phoenixcontact.com/us/products/1186508

REL-MR- 24DC/21AU/MS - Single relay

2909645
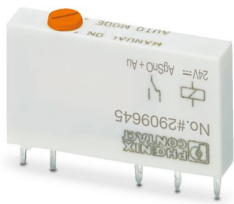
https://www.phoenixcontact.com/us/products/2909645

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, manual operation, 24 V DC input voltage

REL-MR- 60DC/21AU - Single relay

2961134
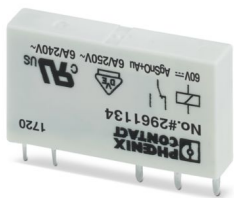
https://www.phoenixcontact.com/us/products/2961134

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, input voltage 60 V DC

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 60DC/21 - Single relay
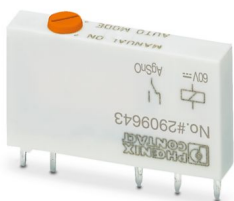
2961118
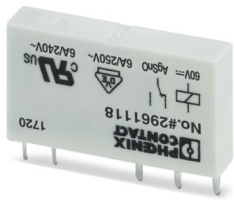
https://www.phoenixcontact.com/us/products/2961118

Plug-in miniature power relay, with power contact, 1 changeover contact, input voltage 60 V DC

REL-MR- 60DC/21/MS - Single relay

2909643

https://www.phoenixcontact.com/us/products/2909643

Plug-in miniature power relay, with power contact, 1 changeover contact, manual operation, 60 V DC input voltage
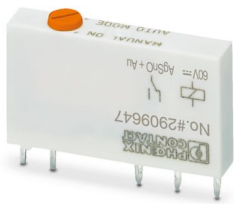
PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

REL-MR- 60DC/21AU/MS - Single relay

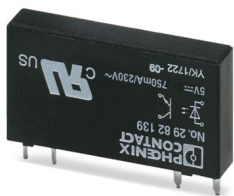2909647

https://www.phoenixcontact.com/us/products/2909647

Plug-in miniature power relay, with multi-layer gold contact, 1 changeover contact, manual operation, 60 V DC input voltage

OPT- 5DC/230AC/ 1 - Miniature solid-state relay

2982139

https://www.phoenixcontact.com/us/products/2982139

Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 5 V DC, output: 24 - 253 V AC/0.75 A

PLC-FA-I-5X20-120-230UC - Fuse adapter

1186508

https://www.phoenixcontact.com/us/products/1186508

OPT-24DC/230AC/ 1 - Miniature solid-state relay

2967950

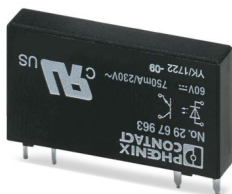https://www.phoenixcontact.com/us/products/2967950

Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 24 V DC, output: 24 - 253 V AC/0.75 A

OPT-60DC/230AC/ 1 - Miniature solid-state relay

2967963

https://www.phoenixcontact.com/us/products/2967963

Plug-in miniature solid-state relay, power solid-state relay, 1 N/O contact, input: 60 V DC, output: 24 - 253 V AC/0.75 A