

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



1186508

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

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.



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	1 pc
Minimum order quantity	10 pc
Sales key	C461
Product key	CK6244
GTIN	4063151228309
Weight per piece (including packing)	12.82 g
Weight per piece (excluding packing)	12.82 g
Customs tariff number	85366990
Country of origin	CN

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



1186508

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

## Technical data

### Notes

General	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 (Light indicator)
---------------------	-------------------------------------

### 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
-----------------------	--------------

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



1186508

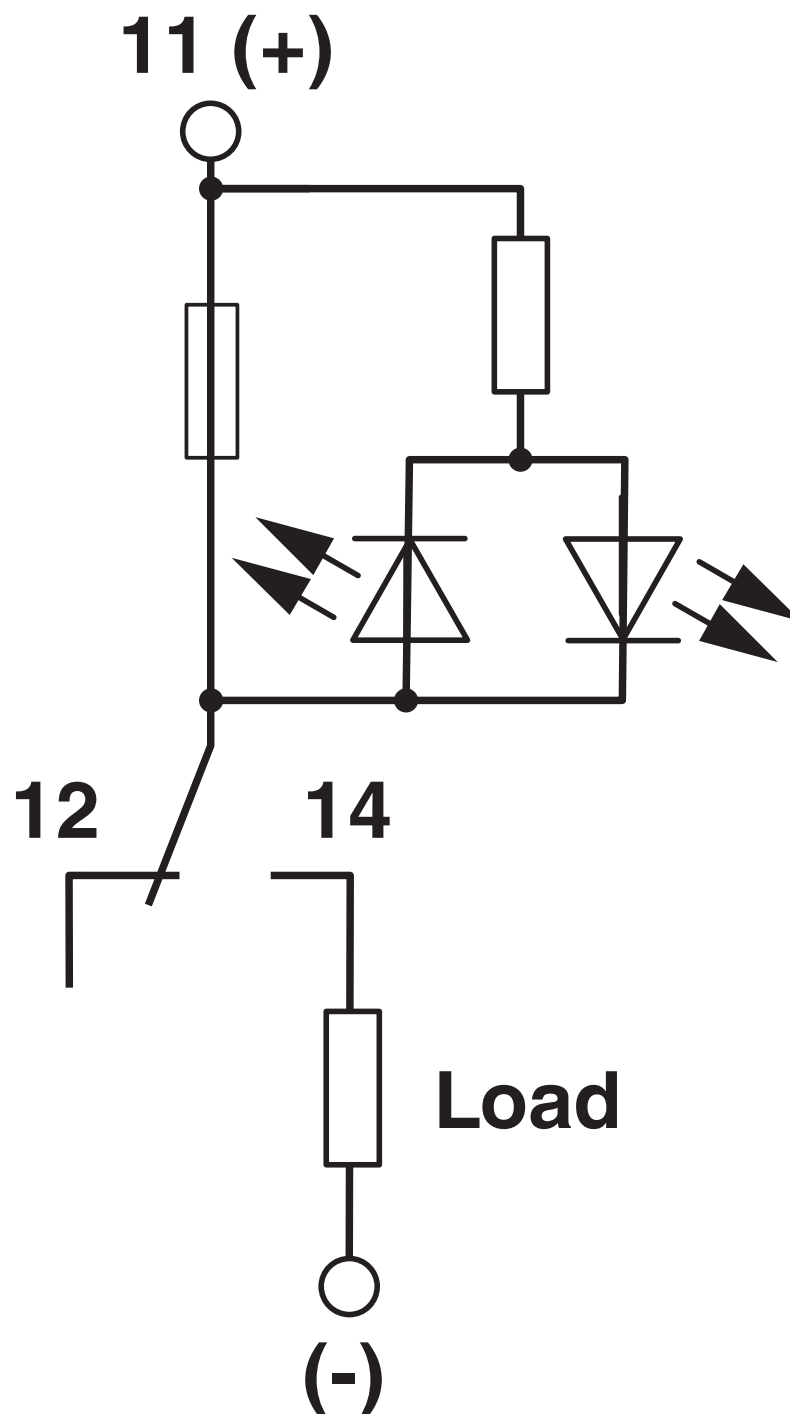
<https://www.phoenixcontact.com/us/products/1186508>

## Mounting

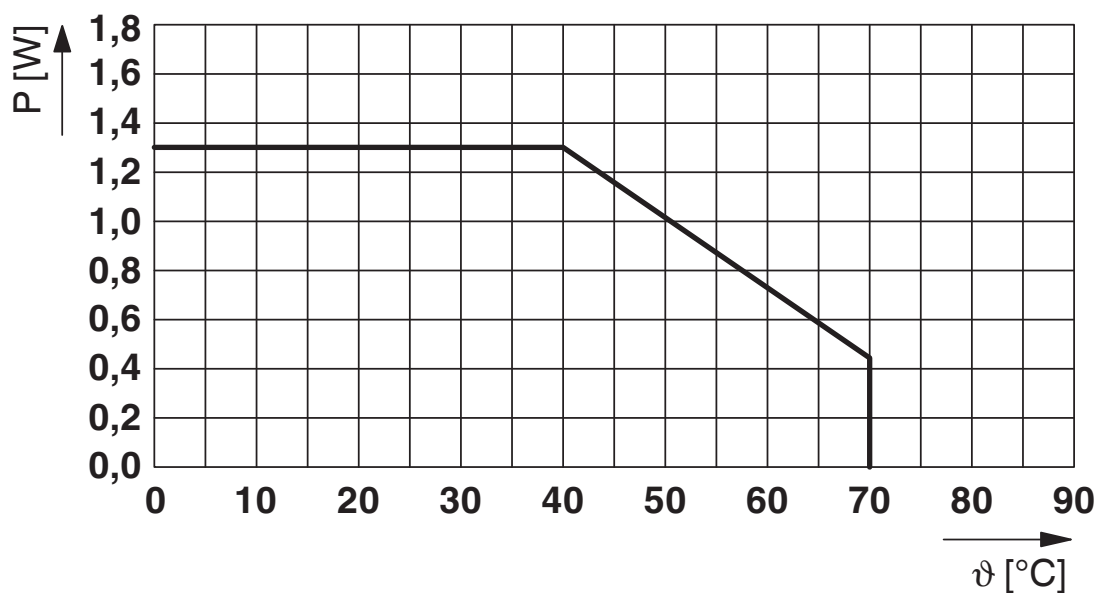
Mounting position	any
-------------------	-----

## Drawings

Circuit diagram

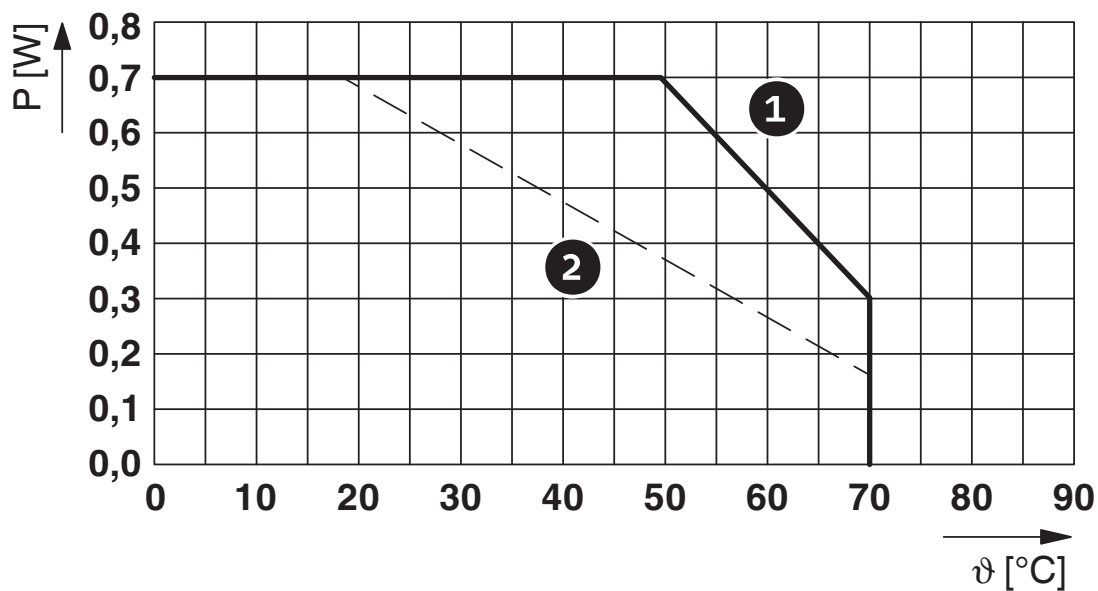


Diagram



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

Diagram



Derating: Short-circuit protection only: Nominal value 6.3 A / 0.7 W

- (1) Separate arrangement
- (2) Compound arrangement

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



1186508

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

## Classifications

### ECLASS

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

### ETIM

ETIM 8.0	EC002498
----------	----------

### UNSPSC

UNSPSC 21.0	39121100
-------------	----------

Phoenix Contact 2023 © - 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](mailto:info@phoenixcon.com)