

# 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	1 pc
Sales key	C461
Product key	DK62Z4
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

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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.
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### Product properties

Product type	Adapter
Product family	PLC-INTERFACE
Application	Adapter

Insulation characteristics: Air clearances and creepage distances in a circuit

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

### Electrical properties

Current consumption	0.4 mA ... 1.3 mA (LED display)
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)
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### 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 (operation) (UL (Haz. Loc.))	-40 °C ... 70 °C (1 A)
	-40 °C ... 60 °C (2 A)
	-40 °C ... 50 °C (3 A)
	-40 °C ... 40 °C (6 A)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Altitude	≤ 2000 m

### Approvals

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UL, USA/Canada

Identification	Class I, Zone 2, AEx ec IIC T4
	Class I, Zone 2, Ex ec IIC Gc T4 X

## Standards and regulations

Air clearances and creepage distances in a circuit

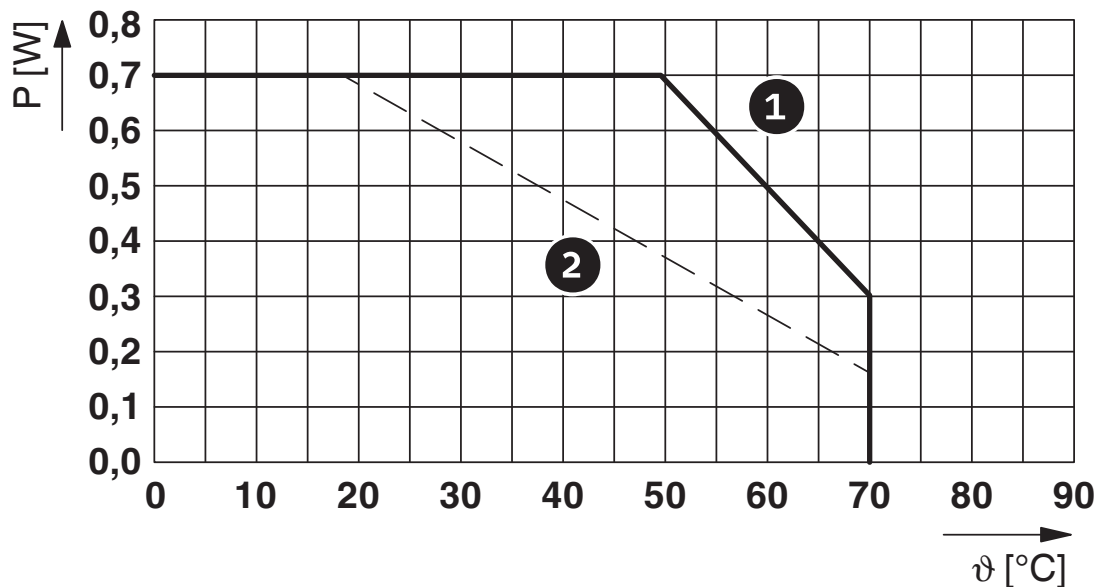
Standards/regulations	DIN EN 50178
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## Mounting

Mounting position	any
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Drawings

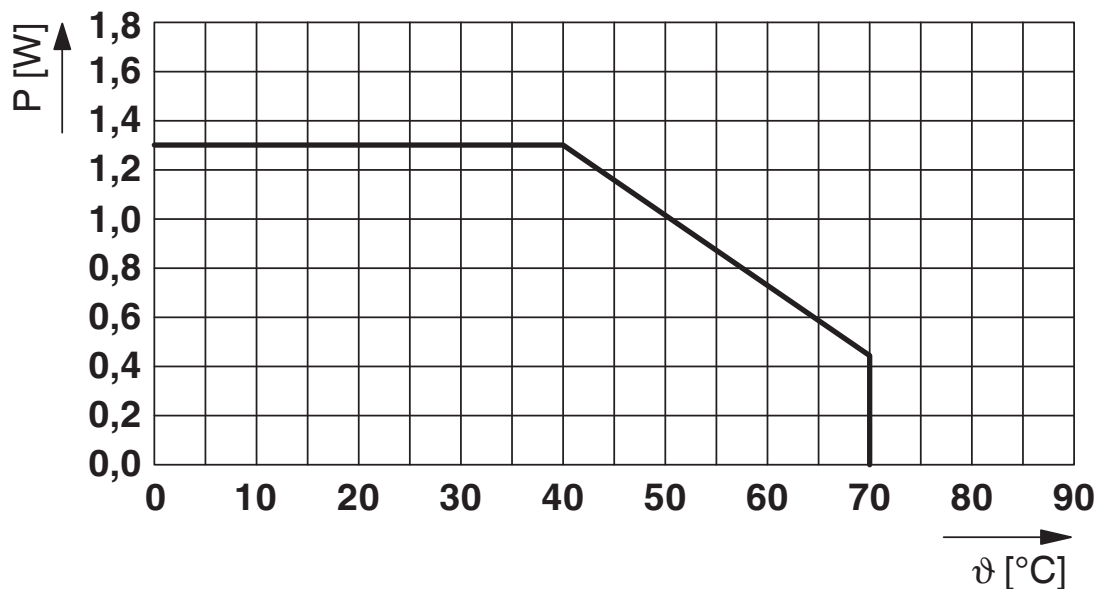
Diagram



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

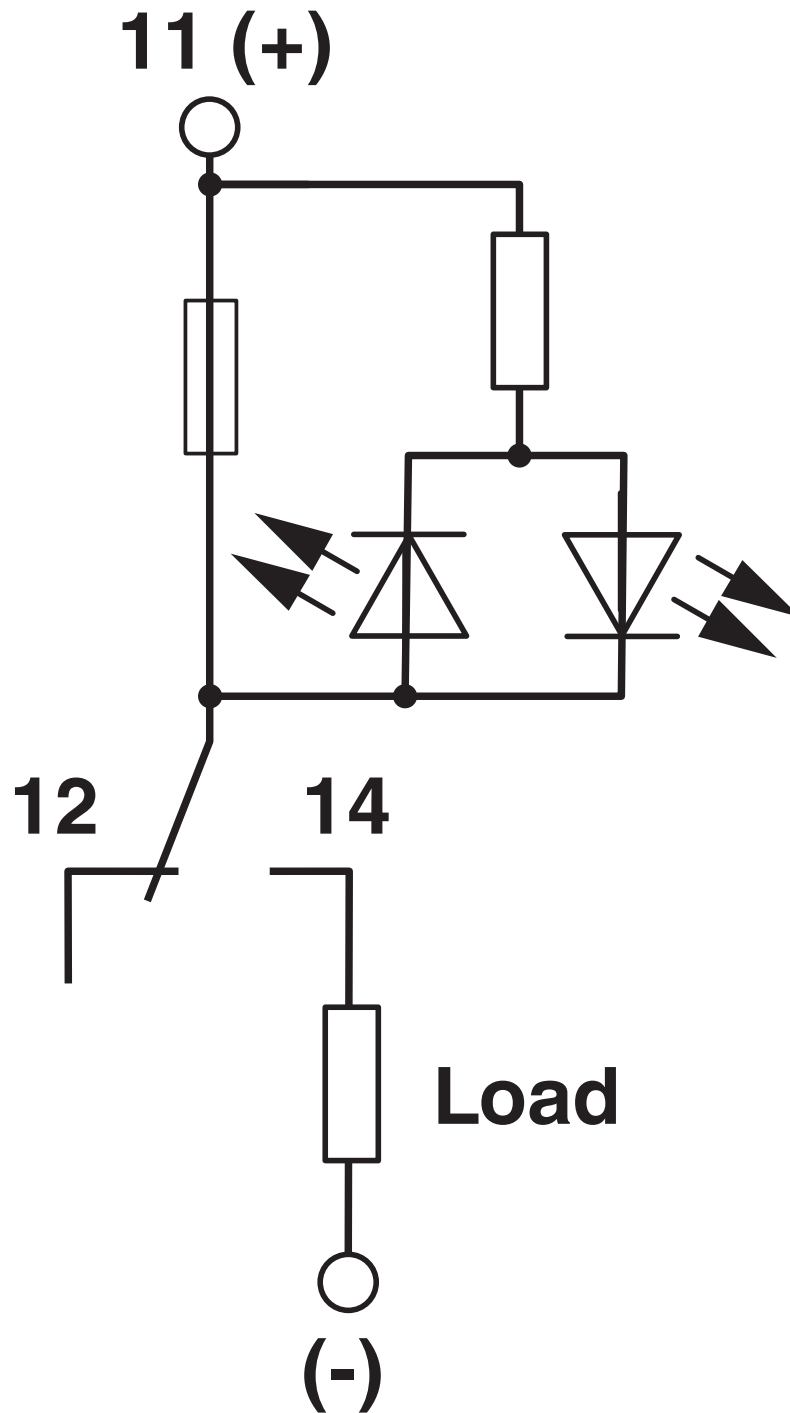
- (1) Separate arrangement
- (2) Compound arrangement

Diagram



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

Circuit diagram



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**cULus Listed**

Approval ID: E140324



**cULus Listed**

Approval ID: E140324



**cULus Listed**

Approval ID: E199827

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## Classifications

### ECLASS

ECLASS-13.0	27371392
ECLASS-15.0	27371392

### ETIM

ETIM 10.0	EC002886
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### UNSPSC

UNSPSC 21.0	39121100
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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### 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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