

# PLC-FA-5X20 - Fuse adapter



1186510

<https://www.phoenixcontact.com/gb/products/1186510>

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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: Universal. Without fuse failure indication.

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1186510                        |
| Packing unit                         | 10 pc                          |
| Minimum order quantity               | 10 pc                          |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DK62Z4                         |
| Product key                          | DK62Z4                         |
| GTIN                                 | 4063151228316                  |
| Weight per piece (including packing) | 12.63 g                        |
| Weight per piece (excluding packing) | 12.63 g                        |
| Country of origin                    | CN                             |

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## Technical data

### Notes

|                    |  |
|--------------------|--|
| Notes on operation | If the fuse is faulty, the downstream circuit is off load. |
|--------------------|--|

### 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

|      |            |
|------|------------|
| Fuse | G / 5 x 20 |
|------|------------|

Air clearances and creepage distances in a circuit

|                          |          |
|--------------------------|----------|
| Rated insulation voltage | 250 V AC |
| Rated surge voltage      | 6 kV     |

### 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

UL, USA/Canada

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

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## Standards and regulations

Air clearances and creepage distances in a circuit

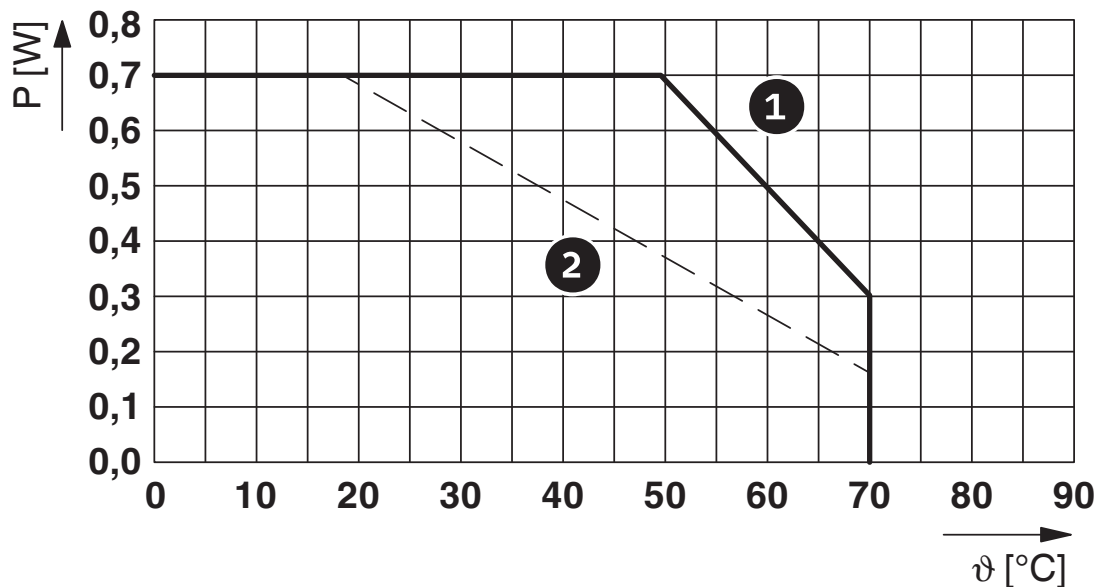
|                       |              |
|-----------------------|--------------|
| Standards/regulations | DIN EN 50178 |
|-----------------------|--------------|

## Mounting

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

## Drawings

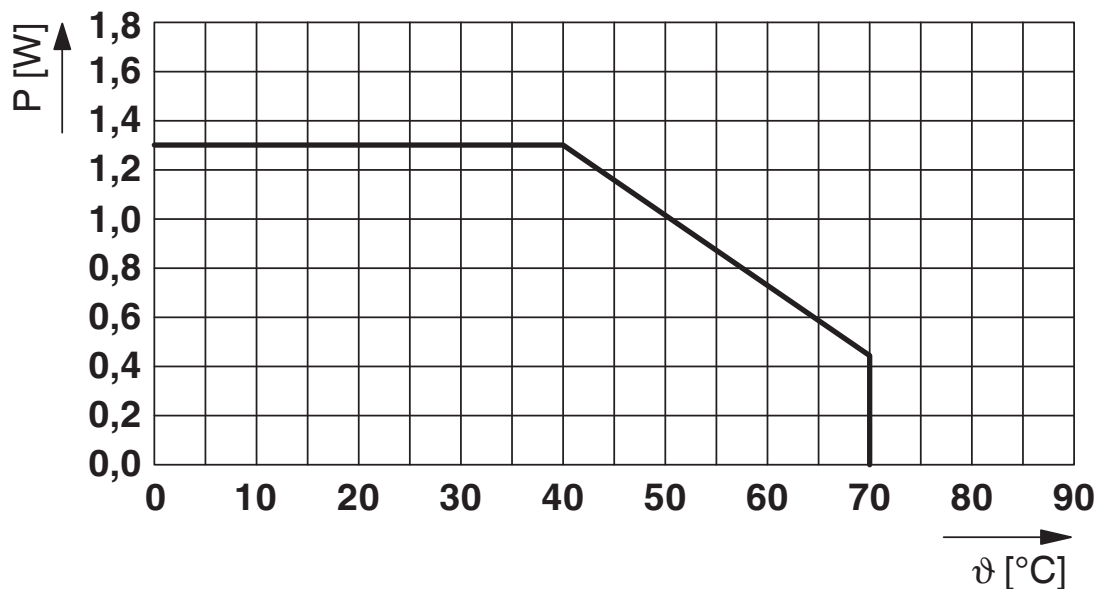
Diagram



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

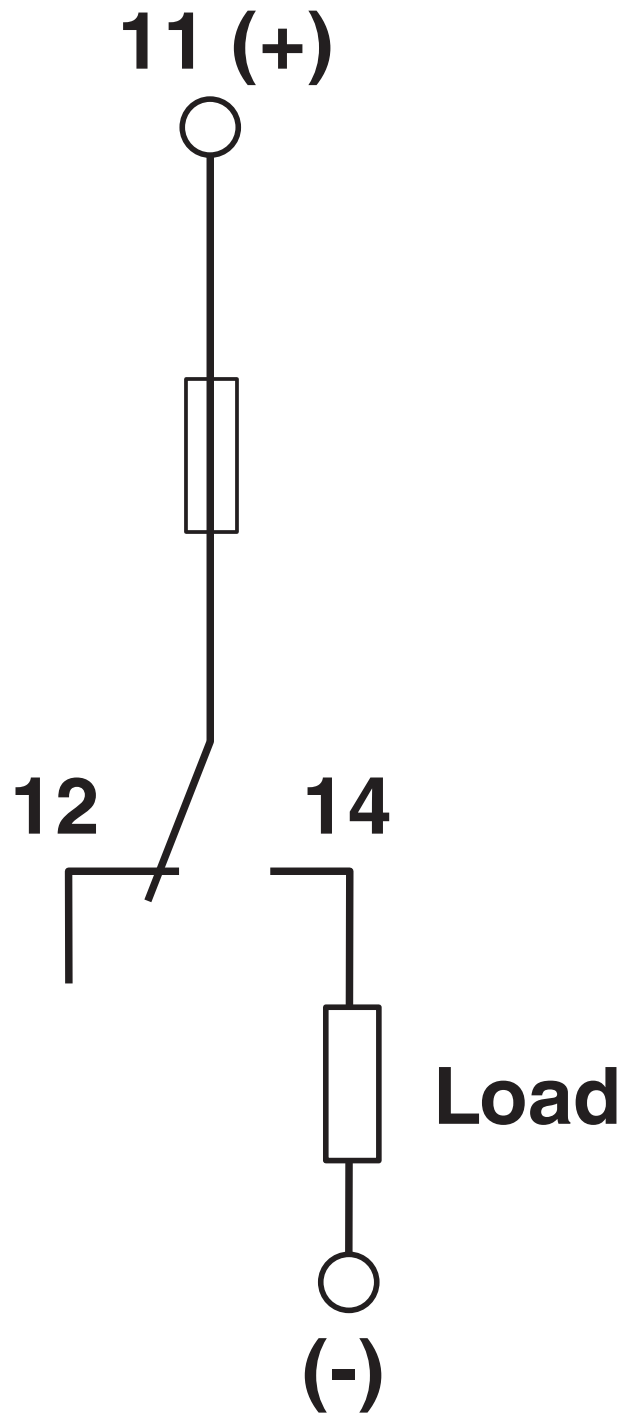
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Circuit diagram



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## Approvals

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**cULus Listed**

Approval ID: E140324



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**cULus Listed**

Approval ID: E199827

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27371392 |
| ECLASS-15.0 | 27371392 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC002886 |
|-----------|----------|

### UNSPSC

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

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## 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% |
|-------------------------------------|----------------------------|

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