# FL SWITCH 4800E-P5B - Power module

1312448

https://www.phoenixcontact.com/us/products/1312448

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Modular power supply for FL SWITCH 48... managed switches. Wide input voltage range 90 V,AC to 264 V AC and 88 V DC to 300 V DC.

## Your advantages

- Network structure according to IEC 61850
- IEEE 1613

ELEKTROGERÄTE RÜCKNAHME

## Commercial data

| | |
|---|---|
| Item number | 1312448 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN17 |
| Product key | DNN125 |
| GTIN | 4063151568153 |
| Weight per piece (including packing) | 1,044.5 g |
| Weight per piece (excluding packing) | 745 g |
| Customs tariff number | 85176200 |
| Country of origin | TW |

# Technical data

## Notes

Note on application

| | |
|---|---|
| Note on application | Only for industrial use |

## Product properties

| | |
|---|---|
| Product type | Power module |

## Input data

| | |
|---|---|
| Input voltage | 115 V AC |
| | 230 V AC |
| | 110 V DC |
| | 250 V DC |
| Nominal input voltage range | 90 V AC ... 264 V AC |
| | 88 V DC ... 300 V DC |
| Input voltage range AC | 90 V AC ... 264 V AC |
| Input voltage range DC | 88 V DC ... 300 V DC |
| AC frequency range | 50 Hz ... 60 Hz |

## Connection data

Input

| | |
|---|---|
| Connection method | Screw connection |
| Conductor cross-section, rigid min. | 0.8 mm² |
| Conductor cross-section, rigid max. | 6 mm² |
| Conductor cross-section flexible min. | 0.8 mm² |
| Conductor cross-section flexible max. | 6 mm² |
| Conductor cross-section AWG min. | 18 |
| Conductor cross-section AWG max. | 10 |

## Dimensions

| | |
|---|---|
| Width | 151 mm |
| Height | 40 mm |
| Depth | 214 mm |

## Material specifications

| | |
|---|---|
| Color (Housing) | black (RAL 9005) |
| Housing material | Steel |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Degree of protection | IP20 |

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 75 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Permissible humidity (operation) | 5 % ... 95 % (non-condensing) |

## Standards and regulations

| | |
|---|---|
| Standards/specifications | IEC 61850 |

## Mounting

| | |
|---|---|
| Mounting type | Rack mounting (with holder) |
| Holder system | 19" rack |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-13.0 | 27040701 |
| ECLASS-15.0 | 27040701 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002540 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 39121000 |

## Environmental product compliance

EU RoHS

| | |
|---|---|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c), 7(a), 7(c)-I |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-10 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |

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