

# 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

## 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

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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#### Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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### Product properties

Product type	Power module
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### 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 mm <sup>2</sup>
Conductor cross-section, rigid max.	6 mm <sup>2</sup>
Conductor cross-section flexible min.	0.8 mm <sup>2</sup>
Conductor cross-section flexible max.	6 mm <sup>2</sup>
Conductor cross-section AWG min.	18
Conductor cross-section AWG max.	10

### Dimensions

Width	151 mm
Height	40 mm
Depth	214 mm

### Material specifications

Housing material	Steel
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### Environmental and real-life conditions

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## 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
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## Mounting

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

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## Classifications

### ECLASS

ECLASS-13.0	27040701
ECLASS-15.0	27040701

### ETIM

ETIM 9.0	EC002540
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### UNSPSC

UNSPSC 21.0	39121000
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## 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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