

# FL SWITCH EP7400-PS-MV-C1 - Feed-in module



1216669

<https://www.phoenixcontact.com/us/products/1216669>

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Power module. Conformal coating for harsh environments.



## Your advantages

- Network structure according to IEC 61850
- IEEE 1613

## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 1216669                        |
| Packing unit                         | 1 pc                           |
| Minimum order quantity               | 1 pc                           |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | DN36                           |
| Product key                          | DNN515                         |
| GTIN                                 | 4063151297947                  |
| Weight per piece (including packing) | 723 g                          |
| Weight per piece (excluding packing) | 512 g                          |
| Customs tariff number                | 85176200                       |
| Country of origin                    | CA                             |

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## Technical data

### Notes

#### Note on application

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

### Product properties

|                |                       |
|----------------|-----------------------|
| Product type   | Power module          |
| Product family | Managed Switch EP7000 |

#### Insulation characteristics

|                      |    |
|----------------------|----|
| Overvoltage category | II |
| Degree of pollution  | 2  |

### Input data

|                           |  |
|---------------------------|--|
| Input voltage             | 48 V DC  |
| Input voltage range DC    | 36 V DC ... 72 V DC  |
| Nominal power consumption | 50 W   |
| Input fuse                | 3.15 A Fast-blow (internal (device protection), fast-blow, not user replaceable) |

### Material specifications

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

### Environmental and real-life conditions

#### Ambient conditions

|   |  |
|---|--|
| Ambient temperature (operation)         | -40 °C ... 85 °C (Type tested to 85 °C for 16 hours) |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C                                     |
| Permissible humidity (operation)        | 5 % ... 95 % (non-condensing)                        |

### Approvals

#### Conformity/Approvals

|             |              |
|-------------|--------------|
| Conformance | CE-compliant |
|-------------|--------------|

### Standards and regulations

|                          |                    |
|--------------------------|--------------------|
| Standard designation     | Ambient conditions |
| Standards/specifications | IEC 61850-3 Ed. 2  |
|                          | IEEE 1613          |

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## Approvals

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**EAC**

Approval ID: RU\*DE\*09.B.00513/20

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## Classifications

### ECLASS

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

### ETIM

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

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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-50   |
|  | 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.) | N,N-dimethylacetamide(CAS: 127-19-5)           |
|                                     | Lead titanium zirconium oxide(CAS: 12626-81-2) |
|                                     | Orange lead (lead tetroxide)(CAS: 1314-41-6)   |
|                                     | 4,4'-isopropylidenediphenol(CAS: 80-05-7)      |
|                                     | Terphenyl, hydrogenated(CAS: 61788-32-7)       |
|                                     | Lead(CAS: 7439-92-1)                           |

### EF3.1 Climate Change

|         |                |
|---------|----------------|
| CO2e kg | 25.642 kg CO2e |
|---------|----------------|

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