

# FL SWITCH EP7400-M4GRJ45-4GSFP - Communication module



1539361  
<https://www.phoenixcontact.com/us/products/1539361>

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Extension module, provides four RJ45 ports at 10/100/1000 Mbps and four SFP ports at 100/1000 Mbps



## Product description

Developed according to IEC 61850-3 (Ambient conditions)

## Your advantages

- Network structure according to IEC 61850
- IEEE 1613

## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 1539361       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | DN36          |
| Product key                          | DNN511        |
| GTIN                                 | 4067923011953 |
| Weight per piece (including packing) | 670 g         |
| Weight per piece (excluding packing) | 444 g         |
| 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   | Extension module      |
| Product family | Managed Switch EP7000 |

### System properties

#### Functionality

|                 |                                         |
|-----------------|-----------------------------------------|
| Basic functions | Media module for modular managed switch |
|-----------------|-----------------------------------------|

### Interfaces

#### Ethernet

|                      |                               |
|----------------------|-------------------------------|
| Connection method    | RJ45                          |
| Transmission speed   | 10/100/1000 Mbps              |
| Transmission physics | Ethernet in RJ45 twisted pair |
| Transmission length  | 100 m (per segment)           |
| No. of channels      | 4 (RJ45 ports)                |

#### Ethernet (SFP)

|                      |                             |
|----------------------|-----------------------------|
| Connection method    | SFP                         |
| Transmission speed   | 100/1000 Mbps (full duplex) |
| Transmission physics | Depending on the SFP module |
| No. of channels      | 4 (SFP ports)               |

### Material specifications

|                 |                          |
|-----------------|--------------------------|
| Color (Housing) | graphite gray (RAL 7024) |
|-----------------|--------------------------|

### Environmental and real-life conditions

#### Ambient conditions

|                                          |                                                      |
|------------------------------------------|------------------------------------------------------|
| Degree of protection                     | IP40                                                 |
| 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)         | 10 % ... 95 % (non-condensing)                       |
| Permissible humidity (storage/transport) | 10 % ... 95 % (non-condensing)                       |

### Standards and regulations

|                      |                    |
|----------------------|--------------------|
| Standard designation | Ambient conditions |
|----------------------|--------------------|

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|                          |             |
|--------------------------|-------------|
| Standards/specifications | IEC 61850-3 |
|                          | IEEE 1613   |

### Mounting

|               |               |
|---------------|---------------|
| Mounting type | Rack mounting |
| Holder system | 19" rack      |

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 19170401 |
| ECLASS-15.0 | 19170401 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC000734 |
|-----------|----------|

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## Environmental product compliance

### EU RoHS

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

### China RoHS

|                                        |                                                                                                                                                                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Environment friendly use period (EFUP) | EFUP-50<br><br>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.) | 1-Methyl-2-pyrrolidone (NMP)(CAS: 872-50-4)                               |
|                                     | N,N-dimethylacetamide(CAS: 127-19-5)                                      |
|                                     | Hexahydromethylphthalic anhydride(CAS: n/a)                               |
|                                     | Lead titanium zirconium oxide(CAS: 12626-81-2)                            |
|                                     | Lead titanium trioxide(CAS: 12060-00-3)                                   |
|                                     | 4,4'-isopropylidenediphenol(CAS: 80-05-7)                                 |
|                                     | Terphenyl, hydrogenated(CAS: 61788-32-7)                                  |
|                                     | Lead(CAS: 7439-92-1)                                                      |
|                                     | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one(CAS: 71868-10-5) |

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