

FL SWITCH 4800E-24SFX-4GC - Industrial Ethernet Switch



1287360

<https://www.phoenixcontact.com/us/products/1287360>

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Rack-mount, managed Ethernet switch meets IEC 61850-3 and IEEE 1613. It provides 24 SFP ports at 100 Mbps and four Gbps combo ports.



Your advantages

- Network structure according to IEC 61850
- IEEE 1613

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1287360 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | DN17 |
| Product key | DNN125 |
| GTIN | 4063151512569 |
| Weight per piece (including packing) | 5,141 g |
| Weight per piece (excluding packing) | 3,708 g |
| Customs tariff number | 85176200 |
| Country of origin | TW |

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Technical data

Dimensions

| | |
|--------|--------|
| Width | 442 mm |
| Height | 44 mm |
| Depth | 375 mm |

Notes

Note on application

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

Mounting

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

Interfaces

Ethernet (SFP)

| | |
|----------------------|--|
| Number of interfaces | 24 |
| Connection method | SFP |
| Transmission speed | 100 Mbps (full duplex) |
| Transmission physics | Depending on the SFP module |
| Transmission length | up to 40 km (Depending on the SFP module used) |
| Signal LEDs | Data receive, link status |
| No. of channels | 24 (SFP ports) |

Product properties

| | |
|----------------|--|
| Product type | Switch |
| Product family | Managed Switch 4000 |
| Type | Block design |
| MTTF | 8.8 Years (MIL-HDBK-217F standard, temperature 25°C, operating cycle 100%) 202.2 Years (SN 29500 standard, temperature 25°C, operating cycle 21%) 244.9 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day)) |

Switch functions

| | |
|----------------------------------|--|
| Basic functions | Store and forward switch, Extended Ring and IEEE redundancy, Multicast control, IGMP snooping, trunking, Port and Tagging VLANs, Port and IEEE 802.1x security, SNMP V3 and Https security, SNTP, web customization, user accounts |
| Redundancy | ERR (Extended ring redundancy) |
| Status and diagnostic indicators | LEDs: U _{S1} , U _{S2} (redundant voltage supply), link and activity per port |

Security functions

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|-----------------|--|

Electrical properties

| | |
|---------------------|----------------------------------|
| Transmission medium | Copper |
| | depending on the SFP module used |

Supply

| | |
|-------------------------|---------------------------|
| Power supply connection | From FL SWITCH 4800E-P... |
|-------------------------|---------------------------|

Environmental and real-life conditions

Ambient conditions

| | |
|--|--|
| Degree of protection | IP20 |
| Ambient temperature (operation) | -40 °C ... 70 °C |
| Ambient temperature (storage/transport) | -40 °C ... 85 °C |
| Permissible humidity (operation) | 5 % ... 95 % (non-condensing) |
| Permissible humidity (storage/transport) | 5 % ... 95 % (non-condensing) |
| Air pressure (operation) | 57 kPa ... 108 kPa (up to 4850 m above mean sea level) |
| Air pressure (storage/transport) | 57 kPa ... 108 kPa (up to 4850 m above mean sea level) |

Standards and regulations

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

EMC data

| | |
|----------------|--|
| Noise immunity | IEC 61850-3, IEEE 1613, EN 61000-6-2: 2005 |
|----------------|--|

Noise emission

| | |
|-----------------------|--------------|
| Standards/regulations | EN 61000-6-4 |
|-----------------------|--------------|

System properties

Functionality

| | |
|-----------------|--|
| Basic functions | Store and forward switch, Extended Ring and IEEE redundancy, Multicast control, IGMP snooping, trunking, Port and Tagging VLANs, Port and IEEE 802.1x security, SNMP V3 and Https security, SNTP, web customization, user accounts |
|-----------------|--|

Signaling

| | |
|----------------|--|
| Status display | LEDs: U _{S1} , U _{S2} (redundant voltage supply), link and activity per port |
|----------------|--|

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Classifications

ECLASS

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

ETIM

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

| | |
|-------------|----------|
| UNSPSC 21.0 | 43222600 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|---------------------------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 15(a), 6(c), 7(a), 7(c)-I |

EU REACH SVHC

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

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