

# FL SWITCH 3008T


Order No.: 2891035



Managed Ethernet switch with eight RJ45 ports at 10/100 Mbps and operating temperature of -40°C ... +75°C

## Ethernet

### Commercial data

|                        |   |
|------------------------|---|
| EAN                    | <br>4 046356 659383 |
| Pack                   | 1   |
| Customs tariff         | 85176200  |
| Gross weight in pieces | 1228.20 g   |
| Country of Origin      | TW  |

### Product notes

WEEE/RoHS-compliant since:  
11/06/2010



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### Product description

Managed industrial Ethernet switch combines extensive network performance and security features with complete IEEE redundancy (STP/RSTP/MST) and 15 ms recovery time extended ring redundancy. Unique web customization provides a simplified user interface for today's applications and scalable functionality for future needs.

### Technical data

#### Interfaces

|             |                 |
|-------------|-----------------|
| Interface 1 | Ethernet (RJ45) |
|-------------|-----------------|

|                           |                                      |
|---------------------------|--------------------------------------|
| No. of ports              | 8 (RJ45 ports)                       |
| Connection method         | RJ45                                 |
| Note on connection method | Auto negotiation and autocrossing    |
| Transmission physics      | Ethernet in RJ45 twisted pair        |
| Transmission speed        | 10/100 MBit/s (with autonegotiation) |
| Transmission length       | 100 m                                |

### Function

|                                  |  |
|----------------------------------|--|
| Basic functions                  | Managed switch   |
| Status and diagnostic indicators | LEDs: $U_{S1}$ , $U_{S2}$ (redundant voltage supply), link and activity per port |

### Network expansion parameters

|  |  |
|--|--|
| Cascading depth                          | Network, linear, and star structure: any |
| Maximum conductor length ((twisted pair) | 100 m                                    |

### Supply voltage

|                             |  |
|-----------------------------|--|
| Supply voltage              | 24 V DC  |
| Residual ripple             | 3.6 V <sub>PP</sub> (within the permitted voltage range) |
| Supply voltage range        | 12 V DC ... 48 V DC                                      |
| Typical current consumption | 210 mA (24 V DC)   |

### General data

|  |  |
|--|--|
| Width                                    | 54.4 mm  |
| Height                                   | 146.4 mm   |
| Depth                                    | 125 mm   |
| Mounting type                            | NS 35 (IEC 60715) DIN rail                             |
| Type AX                                  | Block-oriented   |
| Weight                                   | 940 g  |
| Degree of protection                     | IP20   |
| Ambient temperature (operation)          | -40 °C ... 75 °C                                       |
| Ambient temperature (storage/transport)  | -40 °C ... 85 °C                                       |
| Permissible humidity (operation)         | 5 % ... 95 % (no condensation)                         |
| Permissible humidity (storage/transport) | 5 % ... 95 % (no condensation)                         |
| Air pressure (operation)                 | 86 kPa ... 108 kPa (up to 3000 m above mean sea level) |
| Air pressure (storage/transport)         | 66 kPa ... 108 kPa (up to 3500 m above mean sea level) |
| Noise emission                           | EN 61000-6-4   |
| Noise immunity                           | EN 61000-6-2:2005                                      |

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**Mechanical tests**

|              |   |
|--------------|---|
| Type of test | Shock test in acc. with IEC 60068-2-27          |
| Test result  | 25g, 11 ms half-sine shock pulse                |
| Type of test | Vibration resistance in acc. with IEC 60068-2-6 |
| Test result  | 5g, 150 Hz, Criterion 3                         |
| Type of test | Free fall in acc. with IEC 60068-2-32           |
| Test result  | 1 m   |

**Conformity with EMC directives**

|                                 |  |
|---------------------------------|--|
| Developed in acc. with standard | IEC 61000-6.2                                      |
| Test standard                   | IEC 61000-4-2 (ESD)                                |
| Test result                     | Criterion B  |
| Test standard                   | IEC 61000-4-3 (immunity to radiated interference)  |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-4 (burst)                              |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-5 (surge)                              |
| Test result                     | Criterion B  |
| Test standard                   | IEC 61000-4-6 (immunity to conducted interference) |
| Test result                     | Criterion A  |
| Test standard                   | IEC 61000-4-8 (immunity to magnetic fields)        |
| Test result                     | Criterion A  |
| Test standard                   | EN 55022 (emitted interference)                    |
| Test result                     | Class A  |

**Certificates**

Certification

Certifications applied for:

Certification Ex:

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**Accessories**

| Item | Designation | Description |
|------|-------------|-------------|
|------|-------------|-------------|

**Cable/conductor**

|         |                   |                                     |
|---------|-------------------|-------------------------------------|
| 2832250 | FL CAT5 PATCH 0,3 | Patch cable, CAT5, assembled, 0.3 m |
|---------|-------------------|-------------------------------------|

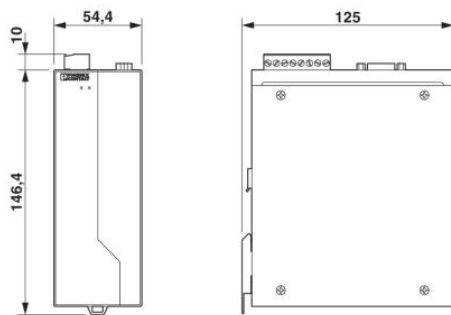
|         |                    |                                      |
|---------|--------------------|--------------------------------------|
| 2832263 | FL CAT5 PATCH 0,5  | Patch cable, CAT5, assembled, 0.5 m  |
| 2832276 | FL CAT5 PATCH 1,0  | Patch cable, CAT5, assembled, 1.0 m  |
| 2832629 | FL CAT5 PATCH 10,0 | Patch cable, CAT5, assembled, 10.0 m |
| 2832289 | FL CAT5 PATCH 2,0  | Patch cable, CAT5, assembled, 2.0 m  |
| 2832292 | FL CAT5 PATCH 3,0  | Patch cable, CAT5, assembled, 3.0 m  |
| 2832580 | FL CAT5 PATCH 5,0  | Patch cable, CAT5, assembled, 5.0 m  |
| 2832616 | FL CAT5 PATCH 7,5  | Patch cable, CAT5, assembled, 7.5 m  |

### General

|         |                    |                                   |
|---------|--------------------|-----------------------------------|
| 2891424 | FL PATCH GUARD     | Lockable security element         |
| 2891521 | FL PATCH GUARD KEY | Key for lockable security element |

### Drawings

Dimensioned drawing



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**Address**

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