

CEG2-0800 Series

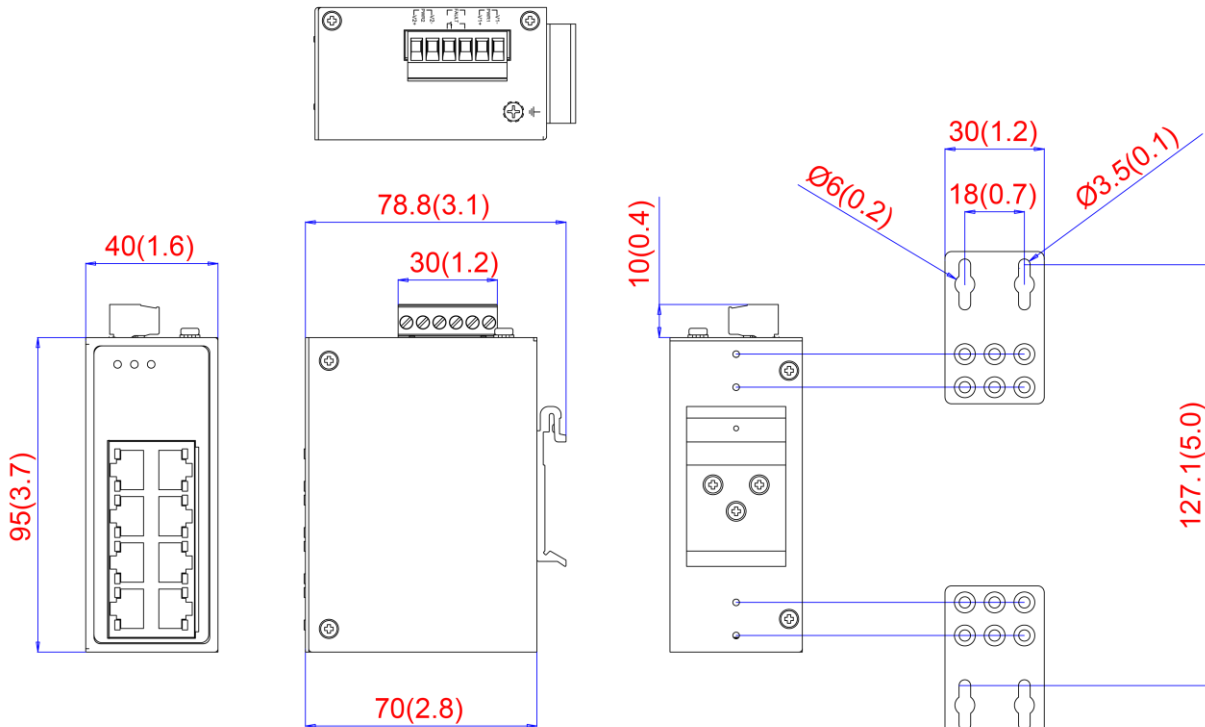
8-Port Industrial Gigabit Ethernet Switch
 -8*10/100/1000TX, 12-48VDC Power Input



- 8-port 10/100/1000T(X) Gigabit Ethernet
- Redundant power inputs design, 12-48VDC
- IP30 Rugged Metal Case Design
- Operating temperature range
 - STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C



Dimension



Unit: mm (inch)

Din-rail

Wall-mount

Specification

| Technology | |
|-------------------------------|--|
| Standards | IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000BaseT |
| Processing Type | Store and Forward |
| Protocol | CSMA/CD |
| Flow Control | IEEE 802.3x flow control, back pressure flow control |
| Switch Properties | |
| Switching Fabric (Back-Plane) | 16Gbps |
| Memory Buffer | 1.5Mbits |
| MAC Table Size | 4K |
| Jumbo Frame | 9,216 bytes |
| Transfer Rate | 14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet Port |
| Interface | |
| RJ45 Ports | 8*10/100/1000 Base-T(X) Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X |
| LED Indicators | System: Power 1, Power 2, Fault Ethernet ports: On-Link/Flash-data transmitting |
| Relay Contact | 24 VDC, 1A resistive |
| Network Cable | 10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m) |
| Power Requirements | |
| Input Voltage | Dual 12-48VDC redundant power inputs |
| Power Connection | 1 removable 6-contact terminal block |
| Overload Current Protection | Present (Slow-Blow Fuse) |
| Reverse Polarity Protection | Present |
| System Power Consumption | Max. 3.3W full loading |
| Mechanical Characteristics | |
| Housing | Metal, IP30 protection |
| Dimensions (W x H x D) | 40 x 95 x 70 mm (1.6 x 3.7 x 2.8 inch) |
| Weight | Unit weight: 0.33kg (0.72 lb), Shipping weight: 0.47kg (1.03 lb) |
| Mounting | DIN-Rail Mounting, Wall Mounting |
| Environmental Limits | |
| Operating Temperature | STD: -10°C ~ 65°C (14°F ~ 149°F) EOT: -40°C ~ 75°C (-40°F ~ 167°F) |
| Storage Temperature | -40°C ~ 85°C (-40°F ~ 185°F) |
| Ambient Relative Humidity | 5 to 95%, (non-condensing) |
| Regulatory Approvals | |
| EMI | FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A |
| EMS | CE EN55035/EN61000-6-2 Class A: IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field) |
| Free Fall | IEC60068-2-32 |
| Shock | IEC60068-2-27 |
| Vibration | IEC60068-2-6 |
| Green | RoHS Compliant |
| Safety | UL61010-1, UL61010-2-201 |
| Compliance | NEMA TS2 (ITS) (apply by request) |

MTBF (Telcordia SR-332, Issue 3, GB, 25°C) 1,385,885 hrs.

Warranty 5 Years

NOTE: Due to continuous improvement, all product specifications are subject to change without further notice.

Packet Contents

| | pcs |
|------------------------------------|-----|
| CEG2-0800(-T) Ethernet switch | 1 |
| Wall-mount installation kits | 2 |
| Quick installation guide (printed) | 1 |

Comparison Table

| Model Name | 10/100/1000T(X) | 100/1000(F)X SFP | Power Inputs | Operating Temperature |
|-------------|-----------------|------------------|--------------|-----------------------|
| CEG2-0800 | 8 | - | 12-48VDC | -10°C ~ 65°C |
| CEG2-0800-T | 8 | - | 12-48VDC | -40°C ~ 75°C |

Ordering Information

| | |
|-------------|--|
| CEG2-0800 | 8-Port Industrial Gigabit Ethernet Switch - 8*10/100/1000Tx, 12-48VDC, -10°C ~ 65°C |
| CEG2-0800-T | 8-Port Industrial Gigabit Ethernet Switch - 8*10/100/1000Tx, 12-48VDC, -40°C ~ 75°C |

Optional Accessories - Power Supply Series

30W Power Supply Series

| | |
|-----------|---|
| HDR-30-24 | 36W Industrial DIN-Rail Power Supply, 24VDC/1.5A, Universal 85-264VAC/120-370VDC power input, Plastic, -30°C ~ 70°C |
|-----------|---|

60W Power Supply Series

| | |
|-----------|---|
| HDR-60-24 | 60W Industrial DIN-Rail Power Supply, 24VDC/2.5A, Universal 88-264VAC/124-370VDC power input, Plastic, -30°C ~ 70°C |
| MDR-60-24 | 60W Industrial DIN-Rail Power Supply, 24VDC/2.5A, Universal 85-264VAC/120-370VDC power input, Plastic, -20°C ~ 70°C |

75W Power Supply Series

| | |
|-----------|---|
| EDR-75-48 | 75W Industrial DIN-Rail Power Supply, 48VDC/1.6A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 60°C |
| NDR-75-48 | 75W Industrial DIN-Rail Power Supply, 48VDC/1.6A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C |

120W Power Supply Series

| | |
|------------|--|
| EDR-120-48 | 120W Industrial DIN-Rail Power Supply, 48VDC/2.5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 60°C |
| NDR-120-24 | 120W Industrial DIN-Rail Power Supply, 24VDC/5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C |
| NDR-120-48 | 120W Industrial DIN-Rail Power Supply, 48VDC/2.5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C |

240W Power Supply Series

| | |
|------------|--|
| NDR-240-48 | 240W Industrial DIN-Rail Power Supply w/ PFC, 48VDC/5A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C |
| SDR-240-24 | 240W Industrial DIN-Rail Power Supply w/ PFC, 24VDC/10A, Universal 88-264VAC/124-370VDC power input, Metal, -25°C ~ 70°C |

480W Power Supply Series

| | |
|------------|--|
| NDR-480-48 | 480W Industrial DIN-Rail Power Supply w/ PFC, 48VDC/10A, Universal 90-264VAC/127-370VDC power input, Metal, -20°C ~ 70°C |
|------------|--|

