

CEG2-0800 Series

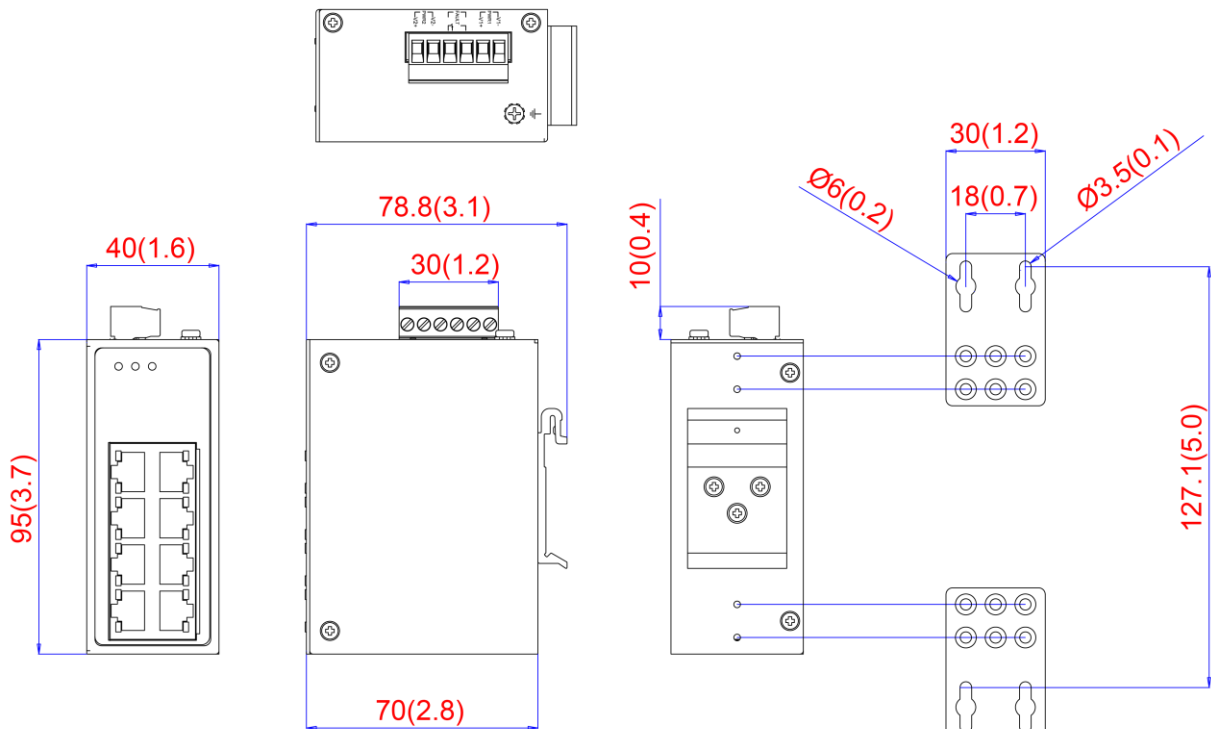
8-Port Industrial Compact Gigabit Ethernet Switch
-8*10/100/1000BASE-T, 12-48VDC Power Input



- 8-port 10/100/1000BASE-T 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



Din-rail

Wall-mount

Specification

Technology	
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet IEEE 802.3ab 1000BASE-T Gigabit Ethernet
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*10/100/1000BASE-T 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) 1000BASE-T: 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 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

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Wall-mount installation kits

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Quick installation guide (printed)

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Comparison Table

Model Name	10/100/1000 GbE	100/1000 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 Compact Gigabit Ethernet Switch - 8*10/100/1000BASE-T, 12-48VDC, -10°C ~ 65°C
CEG2-0800-T	8-Port Industrial Compact Gigabit Ethernet Switch - 8*10/100/1000BASE-T, 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
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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
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