

# Comnet CNGE2FE8MSPOE+ 2 Port 1000Mbps with 8 Port 100Mbps Managed Switch/PoE/30W

## Alarm & Monitoring Systems

- Relay Output For fault event alarming
- Syslog Server / Client To record and view events
- SMTP For event warning notifications via email
- Serial Console Port RS-232 @ 9600bps in RJ45 connector with console cable

## Indicating LEDs

- 3 x Power Indicators
- Ring Master Indicator
- C-Ring Indicator
- Fault Indicator
- 10/100BASE-TX RJ45 Port Indicator
- 100/1000BASE-X SFP Port Indicator
- PSE Power Output Indicator

## PoE pin assignment

- RJ45 port #1 - #8 support IEEE802.3at End-point Alternative A mode.
- Positive (VCC+): RJ45 pin 1, 2
- Negative (VCC-): RJ45 pin 3, 6

## Power

- Redundant Input Power Dual 48 – 57VDC input terminal block
- Power Consumption (Typ.) 249W Max with PoE+ on all ports; 9W Max w/o PoE+
- Overload Current Protection Present
- Polarity Protection Not Present

## Electrical & Mechanical

- Size (W x D x H) 2.84 x 4.13 x 5.98 in (7.2 x 10.5 x 15.2 cm)
- Weight 820g / 1.8lb

**Installation** DIN Rail (35mm track) or Wall Mount

## Environmental

- Storage Temperature –40 to 85°C (–40 to 185°F)
- Operating Temperature –40 to 75°C (–40 to 167°F)
- Operating Humidity 5% to 95% Non-condensing
- MTBF >100,000 hours
- Installation DIN Rail and Wall Mount Design

## Regulatory Compliance

- EMI FCC Part 15, CISPR (EN55022) class A
- EMS EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
- Shock IEC60068-2-27
- Free Fall IEC60068-2-32
- Vibration IEC60068-2-6
- Safety EN60950-1