



CNGE4TX4US/M





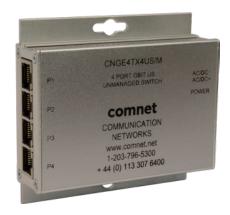




INCLUDED

-40° TO +75°

ALL GIGABIT



The ComNet CNGE4TX4US/M Ethernet 4 port unmanaged switches are designed to transmit and receive 10/100/1000 Mbps Ethernet data. The CNGE4TX4US/M are environmentally hardened to operate in demanding environments.

LED indicators are provided for confirming equipment operating status. Plug-andplay design ensures ease of installation requiring no user adjustments. Packaged in the exclusive rugged ComNet medium housing, these units may be either wall mounted, or may be DIN-rail mounted by the addition of ComNet model DINBKT4 adaptor.

FEATURES

- > 10/100/1000 Mbps Ethernet
- > Environmentally Hardened for use in unconditioned installations
- All ports support 1000 Mbps full duplex data
- > Automatic MDI/MDI-X crossover
- > Designed to meet full compliance with the environmental requirements (ambient operating temperature, mechanical shock, vibration, humidity with condensation, high-line/lowline voltage conditions and transient voltage protection) of NEMA TS-1/TS-2 and the Caltrans Specification for Traffic Signal Control Equipment.
- > No In-field adjustments or configuration required
- > Voltage transient protection on all power and signal input/ output lines provides protection from power surges and other voltage transient events.

- > Power and Port status indicating LEDs
- > IEEE 802.3 compliant
- > Lifetime Warranty
- Made in the USA

APPLICATIONS

- > 10/100/1000 Mbps Gigabit Ethernet
- > High Speed Computer Links

10/100/1000 Mbps 4 Port Ethernet Unmanaged Switch

SPECIFICATIONS

Switch Properties

Switching Latency 7us 8 Gbps Switching Bandwidth MAC Table 1K

Store-and-Forward Processing

Data

Data Interface Ethernet

10/100/1000 Mbps, Data Rate

IEEE 802.3 Compliant

Full Duplex or Half Duplex Electrical Ports

Connectors

Power **Terminal Block**

Data RJ45

Electrical Link/Data Activity, Power **LED Indicators**

Power

Operating Voltage 9 to 36 VDC or 24 VAC

Current Draw 4 W max

Current Protection Automatic Resettable Solid-State Current Limiters

Electrical & Mechanical

Circuit Board Meets IPC Standard

Size $4.1 \times 3.7 \times 1.1$ in $(10.4 \times 9.4 \times 2.8$ cm) Installation Surface Mount, Wall or Flat Surface Screw

Attachment

Shipping Weight <2 lb / 0.9 kg

Environmental

MTBF >100,000 hours -40° C to +75° C **Operating Temp** -40° C to $+85^{\circ}$ C Storage Temp

Relative Humidity 0% to 95% (non-condensing)1

AGENCY COMPLIANCE







ORDERING INFORMATION

Part Number	Description
CNGE4TX4US/M	4 Port 10/100/1000 Mbps Ethernet Unmanaged Switch
Options	DC Plug-in Power Supply, 90-264 VAC, 50/60 Hz (Included, for benign 0° to 50°C applications only. Hardened power supply available, consult factory) [1] Add suffix '/C' for Conformally Coated Circuit Boards to extend to condensation conditions (Extra charge, consult factory) DIN-Rail Mounting Adaptor Plate Kit – With mounting hardware (Optional, order model DINBKT2 or DINBKT4)

In a continuing effort to improve and advance technology, product specifications are subject to change without notice.

