

# Comnet CNGE3FE7MS3 Hardened 3 Port 1000Mbps with 7 Port 100Mbps Managed Switch/Includes Power Supply

<b>Ethernet Ports</b>	
10/1 OOBASE-T(X)	7 x RJ-45 Ports
10/100/1 OOBASE-T(X)	3 x Combo Ports, with Auto MDI/MDIX and (3) 100/1000BASE-FXSFP1 Ports
Power Connector	Terminal Block
<b>Switch Properties</b>	
Switching Latency	7 $\mu$ s
Switching Bandwidth	7.4 Gbps
Max. VLANs Available	4096
IGMP Multicast Groups	1024
Port Rate Limiting	User Defined
MAC Table	8192 MAC addresses available
Priority Queues	4
Processing	Store-and-Forward
Flash Memory	32 Mbits
DRAM Size	256 Mbits
<b>Network Redundancy</b>	
C-Ring	Com-Ring
Legacy Ring	CRSTP
STP	RSTP
MSTP	
<b>Alarms &amp; Monitoring Systems</b>	
Relay Output	For fault event alarming. Relay contacts rated at 1 amp @ 24VDC
Serial Console RJ-45 Port	RS-232 @ 9,600 bps with console cable (included)
<b>Fault Alarm Relay</b>	
Relay Contact Rating	24VDC@1 A
<b>Power</b>	
Input	Redundant Input Power, Dual DC Inputs
Operating Voltage Range	12 to 48 VDC
Power Consumption, Typical	12 W
Current Protection	Overload Current Protected
Polarity Protection	Reverse Polarity Protected
<b>Electrical &amp; Mechanical</b>	
LED Status Indicators	Power R.M. Ring Fault
	RJ-45 Port SFP Port.
Size	2.93 x 4.3 x 6.05 in (7.43 x 10.92 x 15.36 cm)
Installation	DIN Rail (35 mm Track) or Wall Mount
Shipping Weight	2.29 lb /1.04 kg
<b>Environmental</b>	
MTBF	>100,000 hours
Operating Temp	-40° C to +75° C (-40° F to+167° F)
	Functional to +85° C (185° F)
Storage Temp	-40° C to+85° C (-40 to 185°F)
Relative Humidity	5% to 95% (non-condensing)