CETU-0500

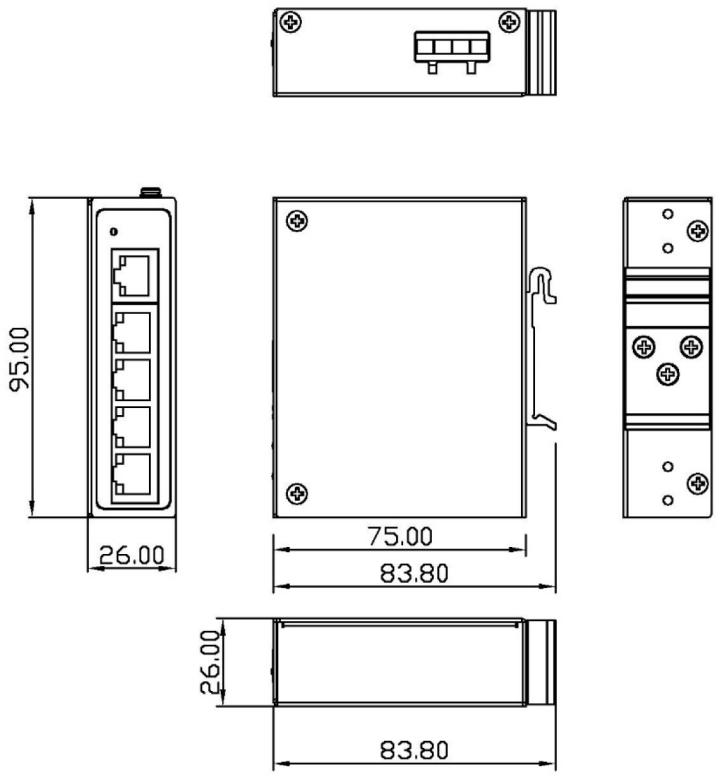
5-Port Industrial Ethernet Switch

5*10/100Tx, 12-48VDC Power Input

Features

- 5-port 10/100Tx Fast Ethernet
- Redundant Power Input Design, 12-48VDC
- IP30 Rugged Metal Case Design
- Operating Temperature Range, STD: -10°C ~ 65°C, EOT: -40°C ~ 75°C

Dimensions (unit = mm)



Ordering Information

CETU-0500	5-Port Industrial Ethernet Switch 5*10/100Tx
CETU-0500-T	5-Port Industrial Ethernet Switch 5*10/100Tx, Extended Operating Temp.: -40° to 75° C
CETU-0500-CP	5-Port Industrial Ethernet Switch 5*10/100Tx, Corrosion Protection
CETU-0500-T-CP	5-Port Industrial Ethernet Switch 5*10/100Tx, EOT.: -40° to 75° C, Corrosion Protection

Specifications

Technology	
Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX Fast Ethernet
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control
Switch Properties	
Switch Architecture	Back-Plane: Non-Blocking Switching Fabric
Transfer Rate	14,880pps for Ethernet Port, 148,800pps for Fast Ethernet Port
Memory Buffer	448K bits
MAC Table size	1K
Interface	
RJ45 Ports	5*10/100BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
LED Indicators	Power Ethernet Ports: On-Link/Flash-data transmitting
Network Cable	10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
Power Requirements	
Input Voltage	12-48VDC, Redundant Input
Overload Current Protection	Present (Slow-Blow Fuse)
Power Connection	1 removable 4-contact terminal block
Reverse Polarity Protection	Present
Power Consumption	1.2Watts
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions	26 x 95 x 75 mm (W x H x D)
Weight	Unit Weight: 0.3kg, Shipping Weight: 0.45kg
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 EN 55032 Class A
EMS	EN 61000-6-2, EN 61000-6-4
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Corrosion Protection	IEC 60068-2-11, IEC 60068-2-52, IEC 60068-2-60 IPC-CC-830B, MIL-I-46058C, IEC 61086-2 (Class 2), UL 94, UL 746E ISO 9223 (Class C5-Very High, Class CX-Extreme) ANSI/ISA 71.04 (Class GX-Severe)
Compliance	NEMA TS2 (ITS) – EoT version
Warranty	5 Years

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