



Industrial 6-Port Unmanaged Fast Ethernet Switch

E45UM-6

Technology

- 10/100 Base T (X) (RJ45)
- Broadcast storm protection
- Support IEEE 802.3/ 802.3u/ 802.3x
- 10/100M, Full/Half-Duplex, MDI-x auto-detection

Reliability

- Redundant dual DC power inputs
- Operating temperature ranges from 0-60° C
- Rugged high-strength case
- DIN-Rail or wall mounting ability

E45UM-6 provides 6 RJ45 ports for your industrial applications. It is designed to work in a variety of industrial environments. This switch complies with CE, FCC, UL and RoHS standards.

E45UM-6 protects itself from receiving too many broadcast packets. During normal use, broadcast packets will be forwarded to all ports except the source port. However, it will discard broadcast or multicast packets if the number of those packets exceeds a threshold in a preset period of time. When the preset period expires (about 800ms), it will then resume receiving broadcast or multicast packets until the threshold is reached again.

E45UM-6 provides two redundant power inputs that can be connected simultaneously to a wide-range of DC power sources. If one of the power inputs fail, the other live source acts as a backup to provide the E45UM-6 power needs automatically.

Specifications

Technology	Standards: IEEE802.3, 802.3u, 802.3x Processing Type: Store and Forward Flow Control: IEEE802.3x flow control, backpressure flow control
Ethernet	RJ45 Ports for 10/100BaseT(X) auto negotiation speed Full/Half-duplex mode, and auto MDI/MDI-X connection
LED Indicator	Power, 10/100M, Fault
Power Requirements	Input Voltage: 9~30VDC, Dual inputs Input Current (@24V): 0.35A Removable 3-pin Terminal Block for power input Reverse Polarity Protection: Present
Mechanical	Casing: IP50 protection, metal case
Temperature	Operation : 0°C ~ 60°C (32° ~ 140°F) Storage : -40° ~ 85°C (-40°~ 185°F)
Humidity	5 ~ 95% , (non-condensing)
Dimension	45.2mm x 90mm x 78mm (W x H x D)
Weight	255g
Regulatory Approvals	CE, FCC, RoHS, UL, Shock/Freefall/Vibration

Ordering Information (by Model)

E45UM-6: Metal Housing, 6 10/100BaseT(X) ports

