

MLB-E4107-26-F

Industrial 10 / 100M Ethernet Switch

24+2G-Port unmanaged



MLiS MLB-E4107-26-F provides 24+2 10 / 100M Ethernet ports to fulfill the needs of the rapid growth of communication traffic in industrial network. MLiS unmanaged series are designed for supporting standard industrial applications without complex setup to make the network truly plug-and-play. With the QoS and traffic storm control, MLiS series switches are able to provide the high reliability user experience in the complex network.

Unmanaged Industrial Ethernet Switch

Features

Full
10 / 100M

100/1000
SFP

-40~75°C

Industrial
Design

- Provide 24 10 / 100M Copper ports plus 2 ports 100FX or 1000BaseF (SX / LX / LH)
- IEEE 802.3x flow control & back-pressure
- 9K Jumbo frames
- L2 wire-speed switching engine
- 8K MAC forwarding addresses
- Queues per port : 8
- Support 802.1p & TOS / DS QoS
- Multicast / Broadcast / Flooding Storm Control
- Fanless & wide operating temperature range (-40 to +75°C)
- Dual power input (12~58 VDC) & reverse power protection
- AC input power option
- IP30
- 19" rack mounting

Specifications

Ethernet	
Operating mode	Store and forward L2 wire-speed / non-blocking switching engine
MAC addresses	8K
Jumbo frames	9K Bytes
Copper RJ45 Ports	10 / 100 / 1000 Mbps speed auto-negotiation; MDI / MDIX Auto-crossover
SFP (pluggable) Ports	100 / 1000BaseSFP slot
Fiber port connector	LC typically for fiber (depends on module)
Flow control	IEEE 802.3x (Full Duplex) and Back-Pressure (Half Duplex)
QoS	IEEE 802.1p
Number of queues	8
Traffic Shaper	Port-based Port shaping
Storm Control	Multicast / Broadcast / Flooding Storm Control per system basis enable / disable
Power	
Power input	Redundant Input Terminals; Reverse power protection
Input voltage range	12-58 VDC or 100 / 240 VAC, 50Hz ~ 60Hz
Indicators	
Power Status indication	Indication of power input status
Ethernet port indication	Link & Speed
Environmental and Complies	
Operating temperature range	-40 to +75°C (cold startup at -40°C)
Storage temperature range	-40 to +85 °C
Humidity	5 to 95% RH (non-condensing)
Vibration, shock & freefall	Vibration : IEC60068-2-6 Shock : IEC60068-2-27 Free Fall : IEC60068-2-32
Certification compliance	CE / FCC / UL-508
EMI	Radiated Emission : CISPR 22, EN55022 Class A Conducted Emission : EN55022 Class A
EMS	ESD : IEC61000-4-2 Radiated RF (RS) : IEC61000-4-3 EFT : IEC61000-4-4 Surge : IEC61000-4-5 Conducted RF (CS) : IEC61000-4-6
RoHS and WEEE	RoHS (Pb free) and WEEE compliant
MTBF	> 25 years
Mechanical	
Ingress protection	IP30
Dimension	TBD
Weight	TBD
Installation option	19" rack mounting



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Make Life Safe and Simple

Product specifications are subject to change without notice. Please contact us for further details.