



MLB-E4107-26-F & MLB-E4114-26-G-F

24+2G-Port

Unmanaged Switch

➔ [DATASHEET](#)





MLB-E4107-26-F

MLB-E4114-26-G-F

24+2G-Port Unmanaged Switch



MLB-E4107-26-F & MLB-E4114-26-G-F provide 24+2G 10/100/1000M Ethernet ports to fulfill the needs of the rapid growth of communication traffic in industrial network. The 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, the series switches are able to provide the high reliability user experience in the complex network.

Full
10/100M

100 SFP

-40 ~ +75°C

Industrial
Design

Features

- Provides 24 10/100/1000M 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
- Supports 802.1p & TOS/DS QoS
- Multicast/Broadcast/Flooding Storm Control
- Fanless & wide operating temperature range (-40~+75°C)
- Reverse power protection
- AC input power option
- HI-POT 1.5 KV
- IP30
- 19" rack mounting

MLB-E4107-26-F/MLB-E4114-26-G-F 24+2G-Port Unmanaged Switch

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 Mbps speed auto-negotiation; MDI/MDIX auto-crossover (MLB-E4107-26-F)
Ethernet Isolation	1500 VRMS 1 minute
SFP (Pluggable) Ports	100 base SFP slot (MLB-E4107-26-F)
SFP (Pluggable) Ports	100/1000 base SFP slot (MLB-E4114-26-G-F)
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	100/240 VAC, 50~60 Hz

Indicators

Power Status Indication	Indication of power input status
Ethernet Port Indication	Link & Speed

Environmental & Compliances

Operating Temperature Range	-40~+75°C (cold startup at -40°C)
Storage Temperature Range	-40~+85°C
Humidity	5~95% (non-condensing)
Vibration, Shock & Freefall	Vibration: IEC60068-2-6 Shock: IEC60068-2-27 Freefall: IEC60068-2-32
Certification Compliance	CE/FCC/UL-508
EMI	Radiated emission: CISPR 22, 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
Installation Option	19" rack mounting
LLDP	IEEE 802.1ab Link Layer Discovery Protocol (LLDP)
Dimension (L)x(W)x(H)	440x250x42mm (without DIN-rail clip)
Weight	3000g