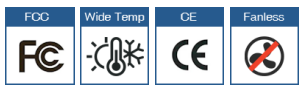
MX6008LN-4SFP Series

4+4G-port Din-Rial Layer 3 Gigabit Managed Ethernet switches

Features

- 4 10/100BaseT(X) ports (DB9 Ports)
- 4 1000BaseSFP slots
- Layer-3 Switching, Supports Static Routing, RIP V1/V2, OSPF
- RingOn (recovery time < 15ms), RSTP for Network Redundancy
- Fanless, -40 to +85°C operating temperature range
- 12~36VDC or 10~24VAC power supply range



Introduction

MX6008LN-4SFP series switches, which boast compact design, highly integration and reliability, are gigabit managed industrial Ethernet switches. The switches are equipped with not only L2 functions but also L3 routing. They are capable of providing power information transmission and network management in harsh industrial environments .They support up to 4 10/100Mbps DB9 ports and 4 Gigabit SFP Slots. They support redundant power supply input ,ranging from 10~24VAC or 12~36VDC. As for installation, they can be installed with Din-rail.

Specifications

Technology	
Standard	IEEE802.3, 802.3u, 802.3z, 802.3ab
Processing Type	Store and forward
Broadcast Storm	Automatic Broadcast Storm Control
Management	by Web Browser
RingOn	Recovery Time within 15ms
Flow Control	IEEE802.3x Flow Control, Back Pressure Flow Control
Protocols	IGMP Snooping, GMRP, SNMPv1/v2c/v3, DHCP Client, HTTP, HTTPS, Telnet, NTP Client
Software Functions	
L3 Functions	Static IP routing OSPFv1/v2 RIPv1/v2 VRRP IGMP v2/v3 Multicast Listener Protocol Firewall , NAT and port mapping File sharing based on the SAMBA service FTP service based on STUPID FTP SSH secure access service based on OPENSSH Add access, control WEB

L2 Functions	IEEE 802.1Q Static VLAN and VLAN Label Link Layer Management Protocol (LLDP) IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) IGMP SNOOPING RingOn™ Redundant Technology, recovery time <15ms RingOpen Redundancy
Management Tools	Web Interface (HTTP and HTTPS) Console port and Command Line Interface(CLI) controlled by SSHv2 SNMPv1/v2c/v3 Flexible configuration and log file management Managing local file through HTTP, FTP and TFTP Syslog(System log file and remote syslog server) SNTP(NTP Client) Software Online Upgrading
Switch Properties	
L3 Host table	4K
MAC Table Size	16K
Priority Queues	4
Max. Number VLANs	64
VLAN ID Range	VID 1 to 4094
IGMP Groups	256
Interface	
RJ45 Port	10/100BaseT(X) auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
LED Indicators	Power, Port Status
Console port	RJ45 Port
Output Warning	Relay, Standard 2 Pin
Power Requirements	
Input Voltage	12~36VDC @ 20W MAX 10~24VAC @ 20VA MAX
Input Connection	Grid panel terminal blocks Standard 4 pin input connection (optional)
Physical Characteristics	
Case	Slim Metal Case, IP30 Design
Dimensions	55.2×180×148mm
Installation	DIN Rail or Panel Mounting
Environment Limits	
Operating Temp	Standard Models: -10 to 60°C Wide Temp. Models: -40 to 75°C
Storage Temp	-40 to 85°C
Ambient Relative Humidity	5 to 95%(Non-condensing)

Standards and Certifications	
EMI	FCC Part15, CISPR(EN55022) Class A
EMS	EN61000-4-2(ESD) Level 4, EN61000-4-3(RS) Level 4, EN61000-4-4(EFT) Level 4, EN61000-4-5(Surge) Level 4, EN61000-4-6(CS) Level 4, EN61000-6-2
Rail Traffic	EN50155, EN50121-3-2, EN55011, IEC61373
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6
Warranty	
Warranty Period	3 years

Ordering Information

MX6008LN-4SFP-4DB9	Layer 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, 4 x Gigabit SFP Fiber Port, Industrial Temperature -10°C to +60°C, Power Input 12~36VDC or 10~24VAC
MX6008LN-4SFP-4DB9-W	Layer 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, 4 x Gigabit SFP Fiber Port, Industrial Wide Temperature -40°C to +85°C, Power Input 12~36VDC or 10~24VAC