©2013 Henrich Corporation. All rights reserved

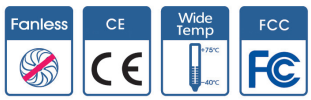
Product Information

MX6004LN Series

Compliant with EN50155, EN50121-3-2, EN55011, IEC61373

4-port Din-rail Layer 3 Managed Ethernet switches





Features

- RingOn (recovery time < 15ms), RSTP for Network Redundancy
- Automatic E-mail Notification for system events
- Port Mirror and Port Trunk with LACP
- -40 to +85°C Operating Temperature Range (W models)
- IP30 DIN Rail or Panel Mounting
- 12~36VDC or 10~24VAC power supply range

HENRICH™
Henrich Electronics Corporation
Main Office
Tel: 860-487-9869
Fax: 860-487-9478
www.henrich-inc.com

©2013 Henrich Corporation. All rights reserved

Introduction

MX6004LN 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 10/100 Mbps DB9 ports. 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, TFTP and SCP • 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 @ 24W MAX 10~24VAC @ 24VA 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 85˚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

©2013 Henrich Corporation. All rights reserved

Ordering Information

MX6004LN Series

MX6004LN-4DB9	Lay 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, Industrial Temperature -10°C to +60°C, Power Input 12~36VDC or 10~24VAC
MX6004LN-4DB9-W	Lay 3 Din-rail Managed, 4 x 100Mbps Copper Port, DB9 Interface, Industrial Wide Temperature -40°C to +85°C, Power Input 12~36VDC or 10~24VAC