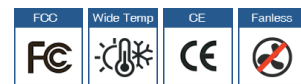


MX6026 Series

26-Port Rackmount Managed Ethernet switches

Features

- IEC 61850-3, IEEE 1613 (power substations) compliant
- Automatic E-mail Notification for system events
- Port Mirror and Port Trunk with LACP
- SNMPv1/v2c/v3 for network management of different levels
- -40 to +85°C Operating Temperature Range (W models)



Introduction

The MX6026 industrial managed Ethernet switches, which boast compact design, highly integration and reliability, are capable of providing powerful information transmission and network management functions in harsh industrial environments. The switches are equipped with up to 26 copper ports and 12 optical ports that support SC and ST connectors. The switches are able to provide redundant power supply input with 120~370VDC or 85~264VAC. This switch series can be installed with a standard 1U rackmount.

Specifications

Technology	
Standard	IEEE802.3, 802.3u, 802.3x, 802.1Q, 802.1p
Processing Type	Store and forward
Broadcast Storm	Automatic Broadcast Storm Control
Management	by Web Browser
RingOn™	Recovery Time within 15ms
Flow Control	Full Duplex Flow Control, Half Duplex Back Pressure Control
Protocols	IGMP Snooping, GMRP, SNMPv1/v2c/v3, DHCP Client, HTTP, HTTPS, Telnet, NTP Client
Switch Properties	
MAC Table Size	8K
Priority Queues	4
Max. Number VLANs	64
VLAN ID Range	VID 1 to 4094
IGMP Groups	256

Interface		
RJ45 Port	10/100BaseT(X) or 10/100/1000BaseT(X) auto negotiation speed	
Fiber Port	100BaseFX ports (SC/ST connector)	
LED Indicators	Power, Port Status, 10/100M	
Console port	DB9 male	
Output Warning	Relay, Standard 2 Pin	
Power Requirements		
Input Voltage	120~370VDC @ 30W MAX 85~265VAC @ 30VA MAX	
Input Connection	Barrier type terminal blocks	
Physical Characteristics		
Case	Slim Metal Case, IP40 Design	
Dimensions	443×44×260mm	
Installation	Rack mounting	
Optical Fiber		
Mode	Multi-mode	Single Mode
Transmission Distance	2km	20km
Centre Wavelength	1310nm	1310nm
Cable Size	62.5/125um	9/125um
TX Power(dBm)	-20 to -10dBm	-15 to -8dBm
RX Power(dBm)	< -32dBm	< -32dBm
Transmission Rate	100Mbps	100Mbps
Environment Limits		
Operating Temp	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	

Ordering Information

MX6026-VHW	Rackmount Managed, 26 x 100Mbps Copper Port, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2SC-VHW	Rackmount Managed, 24 x 100Mbps Copper Port, 2 x 100Mbps Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2SSC-VHW	Rackmount Managed, 24 x 100Mbps Copper Port, 2 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-4SC-VHW	Rackmount Managed, 22 x 100Mbps Copper Port, 4 x 100Mbps Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-4SSC-VHW	Rackmount Managed, 22 x 100Mbps Copper Port, 4 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-6SC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 6 x 100Mbps Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-6SSC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 6 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-6SSC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 6 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-8SC-VHW	Rackmount Managed, 18 x 100Mbps Copper Port, 8 x 100Mbps Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-8SSC-VHW	Rackmount Managed, 18 x 100Mbps Copper Port, 8 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-10SC-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 10 x 100Mbps Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-10SSC-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 10 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-12SC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 12 x 100Mbps Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-12SSC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 12 x 100Mbps Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC

Note: All of the Above Products SC Connector can be replaced by ST Connector