

Product Information

MX6026 Series

IEC61850-3 and IEEE1613

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 Ports :	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~-10dBm	-15~-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	
Shock :	IEC 60068-2-27	
Freefall :	IEC 60068-2-32	
Vibration :	IEC 60068-2-6	
Warranty		
Warranty Period :	3 years	

Ordering Information

MX6026 Series

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
MX6026-8SC-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