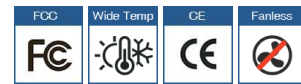


MX6026-2G Series

24+2G Port Rackmount Managed IEC61850 Ethernet switches

Features

- IEC 61850-3, IEEE 1613 (power substations) compliant
- Up to 24 10/100Mbps Copper Ports and 12 100Mbps optical fiber Ports
- Up to 2 Gigabit Combo Ports
- RingOn (recovery time < 15ms), RSTP for Network Redundancy
- SNMPv1/v2c/v3 for network management of different levels
- 100% Burn-in Test



Introduction

MX6026-2G series is designed to meet the requirements of substation automation system (IEC61850-3, IEEE1613), This series can be used to build high-performance Ethernet backbone network.

It has 120 v ~ 370 VDC or 85 v ~ 370 VAC, redundant power input function, increase the communication reliability, save the cost of wiring. In addition, the rack installation design makes network programming is easy, let you for substation installation up to 26 fast Ethernet front-end ports, maximum support 12 fiber ports and two Gigabit COMBO, provide great Flexibility

Specifications

Technology	
Standard	802.3, 802.3u, 802.3x, 802.1p, 802.1Q
Processing Type	Store and forward
MAC Address	8K
Management	CLI/ 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
Interface	
RJ45 Port	10/100BaseT(X) or 10/100/1000BaseT(X) auto negotiation
Fiber Port	100BaseFX (SC/ST connector) and 1000BaseSFP Slot
LED Indicators	Power, Port Status, 10/100M/1000M, 1000M (COMBO)
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	Single Mode
Transmission Distance	20km
Centre Wavelength	1310nm
Cable Size	9/125um
TX Power(dBm)	-8~-2dBm
RX Power(dBm)	< -24dBm
Transmission Rate	1000Mbps
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

MX6026-2G-VHW	Rackmount Managed, 24 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-2SC-VHW	Rackmount Managed, 22 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 2 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-2SSC-VHW	Rackmount Managed, 22 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 2 x 100Mbps FiberPort, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-4SC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 4 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-4SSC-VHW	Rackmount Managed, 20 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 4 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-6SC-VHW	Rackmount Managed, 18 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 6 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-6SSC-VHW	Rackmount Managed, 18 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 6 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-8SC-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 8 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-8SSC-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 8 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-10SC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 10 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-10SSC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 10 x 100Mbps Fiber Port, Single-Mode Fiber Port with SC Connector, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-12SC-VHW	Rackmount Managed, 12 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 12 x 100Mbps Fiber Port, Multi-Mode Fiber Port with SC Connector, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6026-2G-12SSC-VHW	Rackmount Managed, 12 x 100Mbps Copper Port, 2 x 1000Mbps combo Port, 12 x 100Mbps Fiber Port, 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