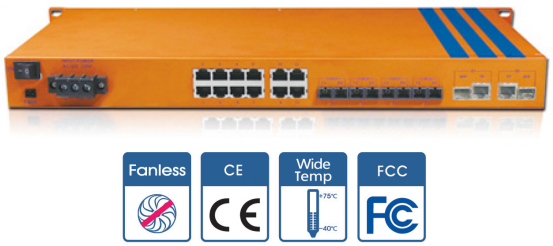
Product Information

MX6018-2G Series

Compliant with IEC61850-3 and IEEE1613

16+2G Port Rackmount Gigabit Managed Ethernet switches



Features

- Up to 16 100Mbps copper ports and 4 100Mbps Fiber ports
- 2 1000Mbps RJ45/SFP Combo ports
- Power inputs: 120-370VDC or 85-264VAC
- RingOn (recovery time < 15ms), RSTP for Network Redundancy
- -40 to +75°C Operating Temperature Range (W models)

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

Introduction

The MX6018-2G industrial managed Ethernet switches, which boast highly integration and reliability, are capable of providing powerful infor¬mation transmission and network management functions in harsh industrial environments. The switches are equipped with up to 16 10/100Mbps copper ports and 4 100BaseFX ports and 2 RJ45/SFP Combo ports. Optical port supports SC/ST connectors. The switches are able to provide optional 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, 802.3ab, 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)
Fiber Module :	1000Base-LX (2 SFP slots)
LED Indicators :	Power, Port Status, 10/100/1000M, 10/100M
Console port :	DB9 male
Output Warning :	Relay, Standard 2 Pin
Power Requirements	
Input Voltage :	120~370VDC @ 25W MAX 85~265VAC @ 25VA MAX
Input Connection :	Barrier type terminal blocks
Physical Characteristics	
Case :	Slim Metal Case, IP30 Design
Dimensions :	443×44×260mm
Installation :	Rack mounting

Optical Fiber			
Mode	Multi-mode	Single Mode	Single Mode
Transmission Distance	2km	20km	20km
Centre Wavelength	1310nm	1310nm	1310nm
Cable Size	62.5/125um	9/125um	9/125um
TX Power(dBm)	-20~-10dBm	-15~-8dBm	-8~-2dBm
RX Power(dBm)	< -32dBm	< -32dBm	< -24dBm
Transmission Rate	100Mbps	100Mbps	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
Shock :	IEC 60068-2-27
Freefall :	IEC 60068-2-32
Vibration :	IEC 60068-2-6
Warranty	
Warranty Period :	3 years

Ordering Information

MX6018-2G Series

MX6018-2G-VHW	Rackmount Managed, 16 x 100Mbps Copper Port, 2 x Gigabit combo Interface, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6018-2G-2SC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 2 x 100Mbps Multi-Mode Fiber Port with SC Connectors, 2 x Gigabit Combo Port, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6018-2G-2SSC-VHW	Rackmount Managed, 14 x 100Mbps Copper Port, 2 x 100Mbps Single-Mode Fiber Port with SC Connectors, 2 x Gigabit Combo Port, 20km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6018-2G-4SC-VHW	Rackmount Managed, 12 x 100Mbps Copper Port, 4 x 100Mbps Multi-Mode Fiber Port with SC Connectors, 2 x Gigabit Combo Port, 2km, Industrial Wide Temperature -40°C to +85°C, Power Input 120~370VDC or 85~264VAC
MX6018-2G-4SSC-VHW	Rackmount Managed, 12 x 100Mbps Copper Port, 4 x 100Mbps Single-Mode Fiber Port with SC Connectors, 2 x Gigabit Combo Port, 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