

MIEN1203-F

2-port 10/100M TX + 1-port 100M FX Din Rail Industrial Media Converter

Product description

MIEN1203 series unmanaged industrial Ethernet switches are designed and developed for industrial high-speed communication network applications. It provides a high-end industrial Ethernet communication solution for flexible industrial applications, making industrial communications smoother, more reliable and faster, satisfying customers to innovate for value-added applications.



Features:

- Support 1 100M fiber port + 2 10/100M adaptive copper ports configuration;
- Connect and use, convenient and fast;
- Support indicator status display;
- Support industrial power supply;
- Support reset output of power-off status relay;
- Industrial wide temperature design, fanless resonance design;
- Meet the application requirements of harsh industrial environment.

Product specification

Technical specifications

Ethernet Standard	IEEE802.3 (Ethernet), IEEE802.3u (100Base-TX and 100Base-FX) IEEE802.3x (flow control)
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Switch Properties

MAC Table	1K
Switch Bandwidth	0.6Gbps
Packet forwarding rate	0.45Mpps
Switching Delay	<5μs

Interface

Ports	Port numbers:3
	Interface form: 1×9 fixed fiber port (single/multi-mode optional, SC/FC/ST interface optional) or RJ45 100M Tx port
	Interface rate: 100Base-FX (fiber port), 10/100M adaptive Tx port
Power terminal	5.08mm pitch plug-in terminal

Communication distance

Twisted pair	100m (standard CAT5/CAT5e cable)
Multi-mode fiber	100M multimode: 1310nm, 2km
Single-mode fiber	100M single mode: 1310nm, 20/40km; 1550nm, 60/80km

LED indicator lights

Front panel LED	Interface indicator: LINK/ACT; SPEED
	Power status indicator: PWR

Power indicator

Input voltage	DC12~48V
	DC48V
	AD220V
Full-load Consumption	<5W@full load
Overload protection	Support
Reverse protection	Support

Working Environment

Operating Temperature	-40°C~85°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%(non-condensing)

Physical Characteristics

Shell	Aluminum alloy shell, IP40
Installation	35mm din rail-mounted installation
Dimension	118mm*86mm*35mm

Industry standard

EMC	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 EN61000-4-8, Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6

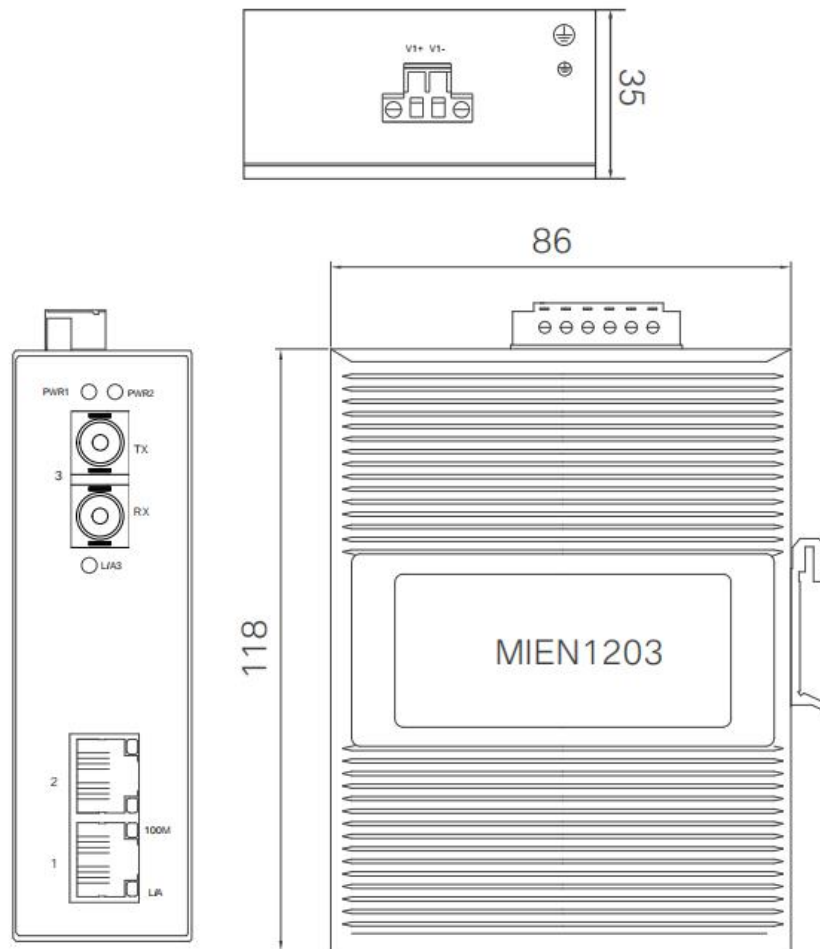
Warranty

Warranty period	5 Years
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Certification

Certification	CE/FCC/RoHS
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Dimensional drawing



Din-rail mounting (unit: mm)

Ordering Information

MIEN1203-M-SC02	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Multi-mode,SC connector, 2KM
MIEN1203-M-ST02	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Multi-mode,ST connector, 2KM
MIEN1203-M-FC02	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Multi-mode,FC connector, 2KM
MIEN1203-S-SC20	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Single-mode,SC connector, 20KM
MIEN1203-S-ST20	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Single-mode,ST connector, 20KM
MIEN1203-S-FC20	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC12~48V power supply,Single-mode,FC connector, 20KM
MIEN1203-M-SC02-DC48	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Multi-mode,SC connector, 2KM

MIEN1203-M-ST02-DC48	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Multi-mode,ST connector, 2KM
MIEN1203-M-FC02-DC48	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Multi-mode,FC connector, 2KM
MIEN1203-S-SC20-DC48	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Single-mode,SC connector, 20KM
MIEN1203-S-ST20-DC48	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Single-mode,ST connector, 20KM
MIEN1203-S-FC20-DC48	1x100M fiber ports +2x10/100M RJ45 ports, redundant DC36~72V power supply,Single-mode,FC connector, 20KM
MIEN1203-M-SC02-AD220	1x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Multi-mode,SC connector, 2KM
MIEN1203-M-ST02-AD220	1x100M fiber ports +2x10/100M RJ45 ports,AC85-264V/DC110~370V isolated power supply,Multi-mode,ST connector, 2KM
MIEN1203-M-FC02-AD220	1x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Multi-mode,FC connector, 2KM
MIEN1203-S-SC20-AD220	1x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Single-mode,SC connector, 20KM
MIEN1203-S-ST20-AD220	1x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Single-mode,ST connector, 20KM
MIEN1203-S-FC20-AD220	1x100M fiber ports +2x10/100M RJ45 ports, AC85-264V/DC110~370V isolated power supply,Single-mode,FC connector, 20KM