

DATASHEET

MET2-0201-M Series

Compact Industrial Media Converter

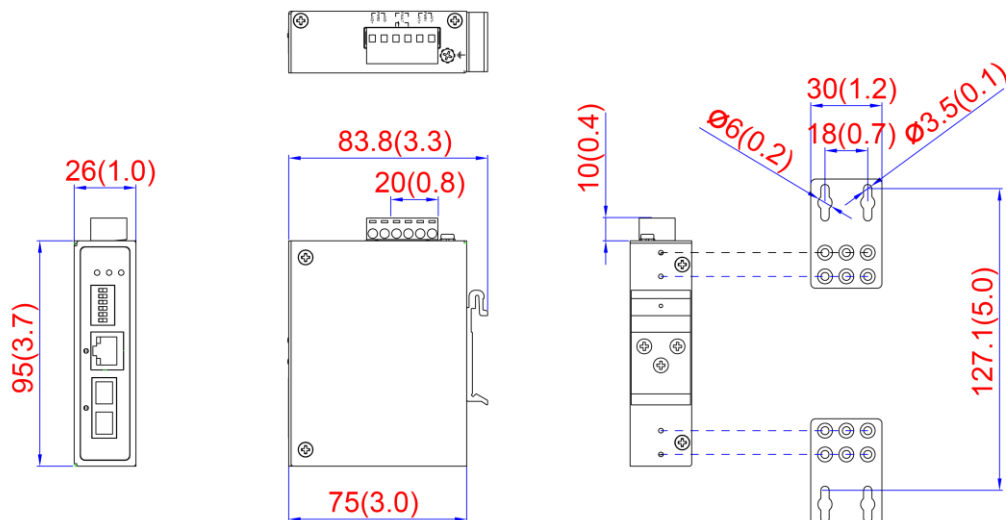
-1*10/100BASE-TX + 1*100FX, 12-48VDC Power Input



- 1-port 10/100BASE-TX Fast Ethernet
- 1-port 100FX SC/ST Connector (Multi/Single-Mode)
- Selectable Link-Fault-Pass Function Support
- Compact Design to solve Space Constraint Installation
- Complete Transmission Control Setup by Dip-Switch for Accommodating of Various Legacy Devices
- Redundant Power Inputs Design, 12-48VDC
- Built-in Relay for Power Redundancy Failure Warning
- Supports DIN-Rail Mounting and Wall Mounting
- Tested at Heavy Industry EMS Level for the Best Electro-Magnetic Susceptibility
- Operating Temperature Range - STD: -10°C ~ 70°C, EOT: -40°C ~ 80°C



Dimension



Unit: mm (inch)

Din-rail

Wall-mount

Specification

Technology	
Standards	IEEE 802.3 10BASE-T Ethernet IEEE 802.3u 100BASE-TX Fast Ethernet
Processing Type	Store and Forward
Protocol	CSMA/CD
Flow Control	IEEE 802.3x flow control, back pressure flow control
Switch Properties	
Memory Buffer	128Kbits
Interface	
RJ45 Ports	1*10/100BASE-TX, auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X
Fiber Port	1*100FX SC/ST type connector Multi-mode - 50/125um or 62.5/125um, Single-mode - 9/125um or 10/125um
Wavelength	Depends on Fixed Fiber modules
LED Indicators	Power 1, Power 2, Fault: On/Off Fiber Port: On-Link/Flash-data transmitting Ethernet Port: On-Link/Flash-data transmitting
Power Requirements	
Input Voltage	Dual 12-48VDC redundant power inputs
Power Connection	1*removable 6-contact terminal block
Power Consumption	1.92Watts for System
Overload Current Protection	Present (Slow-Blow Fuse)
Reverse Polarity Protection	Present
Relay Contact	24VDC, 1A resistive
Mechanical Characteristics	
Housing	Metal, IP30 protection
Dimensions (W x H x D)	26 x 95 x 75 mm (W x H x D)
Weight	Unit Weight: 0.25kg (0.55 lb), Shipping Weight: 0.35kg (0.77 lb)
Mounting	DIN-Rail Mounting, Wall Mounting
Environmental Limits	
Operating Temperature	STD: -10°C ~ 70°C (14°F ~ 158°F) EOT: -40°C ~ 80°C (-40°F ~ 176°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 to 95%, (non-condensing)
Regulatory Approvals	
EMI	FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A
EMS	CE EN55035/EN61000-6-2 Class A: IEC61000-4-2 (ESD), IEC61000-4-3 (RS), IEC61000-4-4 (EFT), IEC61000-4-5 (Surge), IEC61000-4-6 (CS), IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Green	RoHS Compliant
Compliance	NEMA TS2 (ITS) – EoT version
Safety	UL61010-1, UL61010-2-201
Warranty	5 Years
NOTE: Due to continuous improvement, all product specifications are subject to change without further notice.	

Packet Contents		pcs
MET2-0201-M(-T)		1
Wall-mount installation kits		2
Quick installation guide (printed)		1

Ordering Information

MET2-0201-M	Industrial PoE+ Media Converter - 1*10/100BASE-TX + 1*100FX (SC Connector, Multi-mode, 2km/1310nm)
MET2-0201-M-T	Industrial PoE+ Media Converter - 1*10/100BASE-TX + 1*100FX (SC Connector, Multi-mode, 2km/1310nm), Extended Operating Temperature: -40° to 80° C
MET2-0201-ST	Industrial Media Converter - 1*10/100BASE-TX + 1*100FX (ST Connector, Multi-mode, 2km/1310nm)
MET2-0201-ST-T	Industrial Media Converter - 1*10/100BASE-TX + 1*100FX (ST Connector, Multi-mode, 2km/1310nm), Extended Operating Temperature: -40° to 80° C
MET2-0201-S3	Industrial Media Converter - 1*10/100BASE-TX + 1*100FX (SC Connector, Single-mode, 30km/1310nm)
MET2-0201-S3-T	Industrial Media Converter - 1*10/100BASE-TX + 1*100FX (SC Connector, Single-mode, 30km/1310nm), Extended Operating Temperature: -40° to 80° C
MET2-0201-STS3	Industrial Media Converter - 1*10/100BASE-TX + 1*100FX (ST Connector, Single-mode, 30km/1310nm)
MET2-0201-STS3-T	Industrial Media Converter - 1*10/100BASE-TX + 1*100FX (ST Connector, Single-mode, 30km/1310nm), Extended Operating Temperature: -40° to 80° C

Optional Accessories - Power Supply Series

HDR-30-24	30W Industrial Din Rail Power Supply, 24VDC
HDR-60-24	60W Industrial Din Rail Power Supply, 24VDC
MDR-60-24	60W Industrial Din Rail Power Supply, 24VDC