

# MET2-0201-M Series

Compact Industrial Media Converter

- 1\*10/100Tx + 1\*100Fx, 12-48VDC Power Input

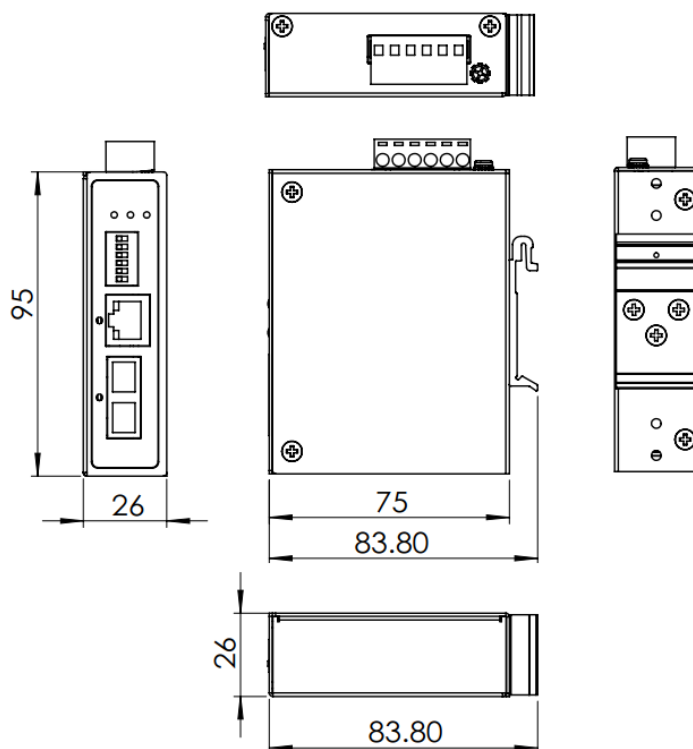


## Feature

- 1-port 10/100Tx 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



## Dimensions (unit = mm)



# Specifications

## Technology

Standards	IEEE 802.3 10BaseT Ethernet IEEE 802.3u 100BaseTX 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
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## Interface

RJ45 Ports	1*10/100BaseT(X), auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
Fiber Port	1*100Fx SC/ST type connector Multi-mode - 50/125um or 62.5/125um, Single-mode - 9/125um or 10/125um
LED Indicators	Power 1, Power 2, Fault: On/Off Fiber Port: On-Link/Flash-data transmitting Ethernet Port: On-Link/Flash-data transmitting
Wavelength	Depends on Fixed Fiber modules

## Power Requirements

Input Voltage	12-48VDC, Redundant Inputs
Overload Current Protection	Present (Slow-Blow Fuse)
Power Connection	1 removable 6-contact terminal block
Reverse Polarity Protection	Present
Power Consumption	1.92Watts
Relay Contact	24VDC, 1A resistive

## Mechanical Characteristics

Housing	Metal, IP30 protection
Dimensions	26 x 95 x 75 mm (W x H x D)
Weight	Unit Weight: 0.25kg, Shipping Weight: 0.35kg
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°C ~ 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 EN 55032 Class A, EN 61000-6-4 Class A
EMS	CE EN 55024 Class A, EN 61000-6-2 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
Warranty	5 Years

## Ordering Information

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

\* More optical options upon request

### Optional Accessories

<b>HDR-30-24</b>	30W Industrial Din Rail Power Supply, 24VDC
<b>HDR-60-24</b>	60W Industrial Din Rail Power Supply, 24VDC
<b>MDR-60-24</b>	60W Industrial Din Rail Power Supply, 24VDC