

DIGITUS 10/100/1000 Base-TX to 1000 Base-FX Industrial Media Converter

DN-652103-1

EAN 4016032488200



Industrial Gigabit Ethernet Media Converter, SFP SFP Open Slot, without SFP Module

"Digitus DN-652103-1 10/100/1000 Base-TX to 1000 Base-FX Industrial Media Converter, extends communication distance with stable performance via fiber optic wire. The Digitus DN-652103-1 series is specifically equipped with durable components and strong housing case to operate reliably in electrically harsh and climatically demanding environments. The industrial level media converter provides a high level of immunity to electromagnetic interference and heavy electrical surges which are usually found on plant floors or traffic control cabinets on sidewalk. Being able to operate under the temperature range from -40°C to 80°C allows the Digitus DN-652103-1 series to be placed in almost any difficult environment. Digitus DN-652103-1 10/100/1000 Base-TX to 1000 Base-FX Industrial Media Converter series efficiently converts data between 10/100/1000 Base-TX and 1000 Base-FX network. The Digitus DN-652103-1 series provides the flexibility to all kinds of 10/100/1000 Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance. The Digitus DN-652103-1 series is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 48V DC power supply inputs for high availability applications requiring dual or backup power inputs."

Digitus DN-652103-1 10/100/1000 Base-TX to 1000 Base-FX Industrial Media Converter, extends communication distance with stable performance via fiber optic wire.

- The use of high quality photoelectric integration module to provide good optical and electrical characteristics
- Ensure reliable data transmission and long working life
- Support full duplex or half duplex mode, with automatic negotiation capability
- Network port support automatic cross identification
- Internal storage and forwarding mechanism, support a variety of protocols
- In line with industrial operating standards, the average trouble-free work in more than 300,000 hours
- Working power supply: DC 12-48V to provide reverse protection
- Interface: 1-port 10/100/1000 Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, 1-port 1000 Base-Fx interface SFP connector, Multi-Mode up to 2km, Single-Mode up to 20km/40km/60km/80km
- 10/100/1000 Base-TX Port: 1 port RJ-45 auto-MDI / MDI-X
- 1000 Base-FX Port: 1 SFP Slot
- Fiber Port Type: Vary on module

- Optical Frequency: Vary on SFP module
- Performance Specification: Bandwidth: 14 Gbps, Packet Buffer Memory: 1.2 Mbit, Packet Forwarding Rate: 10.5 Mpps, MAC Address Table: 2K
- Installation: DIN rail
- Flow Control: Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
- Enclosure: IP40 aluminum housing
- LED Indicator: Power: Red, Fiber: Link 2(Green), Ethernet: Yellow
- Power Input: 12 to 48V DC redundant power
- Power Consumption: < 3 watts
- Surge protection: ±4kV
- Network Protocols: IEEE802.3i 10 Base-T; IEEE802.3u; 100 Base-TX/FX; IEEE802.3ab 1000 Base-T; IEEE802.3z 1000 Base-X; IEEE802.3x
- Network cables: 10 BASE-T: Cat3,4,5 UTP(≤100 meter), 100 BASE-TX: Cat5 or later UTP(≤100meter), 1000 BASE-TX: Cat6 or later UTP(≤100 meter)
- "Industry Standard: FCC CFR47 Part 15, EN55032 Class A, IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air), IEC61000-4-3 (RS): 10V/m (80~1000MHz), IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV, IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV, IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz), IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)"
- MTBF: >300,000hours
- Dimensions (W x D x H): 118x 92.4 x 40 mm
- Weight: Product Weight: 0.4KG, Packing Weight: 0.53KG
- "Working Environment: Working temperature: -40~80°C, Storage temperature: -40~80°C, Relative Humidity: 5%~95 % (no condensation),"
- Automatic cable detection - Auto MDI / MDI-X function
- Connector 1: RJ45
- Connector 2: SFP
- DDM Support: no
- Industrial usage: yes
- PoE injector: no
- Ethernet speed: Gigabit

Package contents

- Industrial Media Converter
- User manual

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm³
Packaging Unit Carton	24	13.40	22.50	39.00	46.50	40,803.80
Packaging Unit Inside	1	0.55	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.55	5.40	13.50	16.50	1,202.85
Net single without Packaging	0	0.46	3.40	8.60	12.80	374.27

