

IMC-101G-TL

2-port Industrial Media Converter, with 1-port 1000Base-X SFP Slot and 1-port 10/100/1000Base-T(X)



Feature

- Support 1 1000Base-X SFP slot and 1 10/100/1000Base-T(X) • Ethernet port.
- Support IEEE802.3, IEEE802.3u, IEEE802.3x.
- Plug-and-play, 10/100/1000Base-T(X), F/H duplex, MDI/MDI-X • auto negotiation.
- Industrial chip design, 15kV ESD protection, 8kV surge protection.
- DC10-58V redundancy power, Reverse polarity protection.
- Industrial grade 4 design, -40-85°C operating temperature.
- IP40 Rated Aluminum Alloy Housing, DIN-Rail mounted.

Introduction

IMC-101G-TL is a plug-and-play industrial media converter, which can provide economical solution for your Ethernet. Its dustproof fully sealed structure(IP40 protection grade), over-current, over-voltage and EMC protected, redundant double power input as well as built-in intelligent alarm design can help system main tenancy personnel monitor the network operation, which can work reliably in harsh and dangerous environment.

JHA-IGS11M supports 1-port 1000Base-X SFP slot and 1 port 10/100/1000Base-T(X), Full/Half duplex mode, and auto MDI/MDI-X connection. It supports CE, FCC, RoHS standard, rugged high-strength metal case, power supply input (DC10-58V). The switch support IEEE802.3, IEEE802.3u, IEEE802.3x with 10/100/1000Base-T(X), full/half-duplex, and MDI/MDI-X auto-sensing, the -40 ~ 85°C working temperature, can meet all kinds of Industrial environment requirement, providing reliable and economic solution for your industrial Ethernet network.

Specification

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| Protocol Standard | IEEE802.3, IEEE802.3u, IEEE802.3x |
| Flow Control | IEEE802.3x flow control, back press flow control |
| Exchange Attribute | Forwarding Rate: 4.46Mpps Transmission Mode: Store and Forward Packet Buffer Size: 1M System Exchange Bandwidth: 6Gbps MAC Table Size: 8K Delay Time: < 4μs |
| Ethernet Port | 10/100/1000Base-T(X) auto speed control, Half/full duplex and MDI/MDI-X auto detect |
| Fiber Port | 1000Base-X SFP Slot |
| LED Indicator | Power Indicator: P1, P2 Port Indicator: LINK / ACT |
| Power Supply | Input Voltage: DC10-58V Connector: 4 bit 5.08mm Removable terminal block Full Load: <3W Protection Mechanism: Overload Protection / Reverse Connection Protection / Redundancy Protection |
| Mechanical Structure | Shell: IP40 protection, Aluminum-alloy shell Dimension: 90*84*30mm(L*W*H) Weight: 300g Installation: DIN-rail mounting, wall mounting |
| Working Environment | Operating Temperature: -40 to 85°C Storage Temperature: -40 to 85°C Ambient Relative Humidity: 5% to 95% (non-condensing) |
| Industry Standards | EMI:FCC Part 15 Subpart B Class A, EN 55022 Class A EMS:EN61000-4-2 (ESD), Level 4 at 15kV(Air), 8kV(Contact) EN61000-4-3 (R/S), Level 3 at 10V/m EN61000-4-4 (EFT), Level 4 at 4kV(Power Port), 2kV(Date Port) EN61000-4-5 (Surge), Level 4 at 4kV EN61000-4-6 (CS), Level 3 at 10V/m EN61000-4-8, Level 5 at 100A/m Shock:IEC 60068-2-27 Free Fall:IEC 60068-2-32 Vibration:IEC 60068-2-6 |
| Certification | CE, FCC, RoHS |
| MTBF | >100,000 Hours |
| Warranty | 5-years |

Dimension

