

100M or 1000M Industrial Media Converter

Features

- 1*10/100Base-TX RJ45 port, 1*100Base-FX SFP(/SC/ST/FC optional) fiber port
- DC 12~36V input, redundant power supply with polarity reverse/over-voltage protection
- Support watchdog, it can reboot automatically if the device is frozen
- Support 1M large buffer
- Support 4KV surge protection and ESD: Air-15kV, Contact-8kV Protection
- IP30 fan-less and Din-rail hardware design
- Operation temperature: -40 °C ~+75°C

Overview

The unmanaged industrial grade media converter with 1-port 100M or 1000M Base-TX RJ45 and 1-port 100M or 1000M Base-FX fiber optical interface. such as wide range power input 12-36VDC, redundant power design with polarity reverse/over-voltage protection, robust IP30 fan-less housing with Din-rail installation, wide operation temperature from -40°C to 75°C as well as high-level EMI/EMC capability and so on. They are the best choice for heavy industrial factory, transportation, oil & gas, chemical, IP Surveillance and processing automation area where environmental conditions exceed commercial product specifications

Product Parameter

Provider Mode Ports	
Fixed Port	100M or 1000M
RJ45 port	self-adaptive 10/100M or 10/100/1000M
Management Port	Unsupported
Power Interface	Phoenix terminal, redundant dual
LED Indicators	PWR, Link/ACT LED
Cable Type & Transmission Distance	
Twisted-pair	0-100m(CAT5e, CAT6)
Single mode Optical Fiber	20/40/60/80/100KM
Multimode Optical Fiber	2KM/550m
Electrical Specifications	
Input Voltage	DC12-56V OR AC220V



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Power Consumption	Total power<5W
Environment	
Operating Temperature	-40℃~+85℃
Storage Temperature	-40℃~+85℃
Relative Humidity	5%~95%(non-condensing)
Thermal Methods	Fanless, natural cooling
MTBF	100,000 Hours
EMC&Ingress Protection	
IP Level	IP30
Surge Protection Of Power	IEC61000-4-5 Level3(4KV/2KV) (8/20us)
Surge Protection Of Ethernet Port	IEC61000-4-5 Level3(4KV/2KV) (10/700us)
EMI	CLASS A
ESD	IEC 61000-4-2 Level 4(8K/15K)
Free Fall	0.5m
Mechanical Dimensions	
Product Size	117X91X27mm
Installation Method	Din-rail
Weight	0.4KG