

IEC-0101FN(SC/MM)

10/100Base-TX to 100Base-FX Media Converter, Extend Temp -40C~75C



Highlights

- NEMA TS1/TS2 , Class 1 Div 2 environment requirement
- Redundant power input guarantee a non-stop operation
- Optional DC power jack for power adapter
- Link-Fault-Pass Through feature
- Design for -40C to 70C Wide operation Temp.
- Cost effective ,easy to handle (plug and Play)

Features

- Compliance
 - NEMA TS1 & TS2 requirement for traffic control
 - Class 1, Division 2 classified for se hazardous locations
- DIP switch configuration for “Link-Fault-Pass-Through” Link down alarm, Speed, Duplex mode
- Relay Alarm Output for power or port link failure
- Redundant power inputs (Terminal bock and DC jack)
- Installation
 - Din Rail
 - Wall Mount design
- 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- Full wire-speed forwarding rate
- Wide temperature: -40C to 75C operating temperature range

Specification

Technology		Environment	
Standards	IEEE802.3 10Base-T,	Operating Temperature	E-Model: (-40°C~75°C)
	IEEE802.3u 100Base-TX/100Base-FX	Storage Temperature	-40°C~85°C
	IEEE802.3x, Flow Control and Back Pressure	Ambient Relative Humidity	10%~95% (Non-condensing)
Packet Buffer Memory	768 Kbits	Regulatory Approvals	
Processing Type	Store and Forward	Safety	UL60950 , FCC Class A , EN60950,
Address Table Size	2K MAC addresses		IEC60950,IEC61000-6-2
Interface			UL1604, Class 1 Division 2
LED Indicators	Per unit: Power1, Power2, Fault	EMS	IEC-61000-6-2
	Per Port: 10/100TX:Link/Activity,Full duplex/Collision, Speed		CE EN61000-4-2 (ESD),
	100FX:Link/Activity,Full duplex/Collision		CE EN61000-4-3 (RS),
RJ45 Ports	10/100TX: 1x RJ-45 with auto MDI/MDI-X		CE EN61000-4-4 (EFT)
DC Power Jack	Optional DC power adapter		CE EN61000-4-5 (Surge)
Terminal Block	Redundant power input with alarm system		CE EN61000-4-6 (CS)
DIP switch	4 modes		CE EN61000-4-8
Power			CE EN61000-4-11
Input	Power jack: 12VDC (3A Max)	Environmental Test	IEC60068-2-32(Freefall)
	Terminal block: 10-48VDC (1.5A Max)		IEC60068-2-27 (Shock)
Power Consumption	9W Max.		
Mechanical		** NEMA TS1/TS2 Environment requirement **	
Casing	Aluminum case		
Dimensions	50mm(W) x 110mm(D) x 136mm(H)		
Installation	Rack mount or DIN-type or Panel		

Ordering information

P/N 6350-002	IEC-0101FN (SC/MM)	10/100BaseTX to 100Base FX industrial media converter , Multi-mode fiber SC 2km, E model:-40C to 75C
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