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HNT-1401-1FM/FS-T-X6R | Industrial Fast Ethernet to Fiber Media Converter

FEATURE HIGHLIGHTS

· Supports Auto MDI/MDI-X and Auto Negotiation
· Supports Multi-mode 2KM, Single-mode 30KM
· Redundant Dual DC input
· Operating temperature -40~75°C
· 1 RJ45 ethernet ports to 1 SC/ST fiber port
· SC connector has Multi and Single mode with different distance

DESCRIPTION

HNT-1401-1FM/FS-T-X6R Series industrial media converters provide industrial media conversion between 10/100BaseT(X) and 100BaseFX (SC/ST connector); connection options include multi-mode SC connector (2km), and single- mode SC connector (30km). HNT-1401-1FM/FS-T-X6R industrial media Converter is designed for harsh industrial environments that can be used between -40 and 75 degree C, and complies with FCC/CE standards.

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SPECIFICATIONS

Technology

Port	1x 10/100BASE-T(X) RJ-45 1x 100BaseFX(SC connector)
Standard	IEEE 802.3 for 10BASE-T IEEE 802.3u for 100BASE-T(X), 100Base-F(X)

Interface

RJ45 Ports	10/100BaseT(X)
Fiber Ports	100BaseFX (SC connector)
Forwarding Mode	Store and forward (Full wire speed)
Switching Capacity	1 Gbps
Latency	<10µs
MAC	1K
Priority Queues	2
Jumbo Frame	1536 Bytes
LED Indicators	Power: Power (P1/P2), RJ45, Fiber interface

Power Characteristics

Input Voltage	12-36 VDC; Redundant dual input
Power Consumption	< 3 Watt
Power Connection	industrial 4 pin terminal block; anti reverse protection

Physical Characteristics

Housing	Metal, IP30 protection
Dimensions(W x H x D)	26 x 95 x 70 mm
Weight	< 1 KG
Installation	DIN-Rail mounting

Environmental Limits

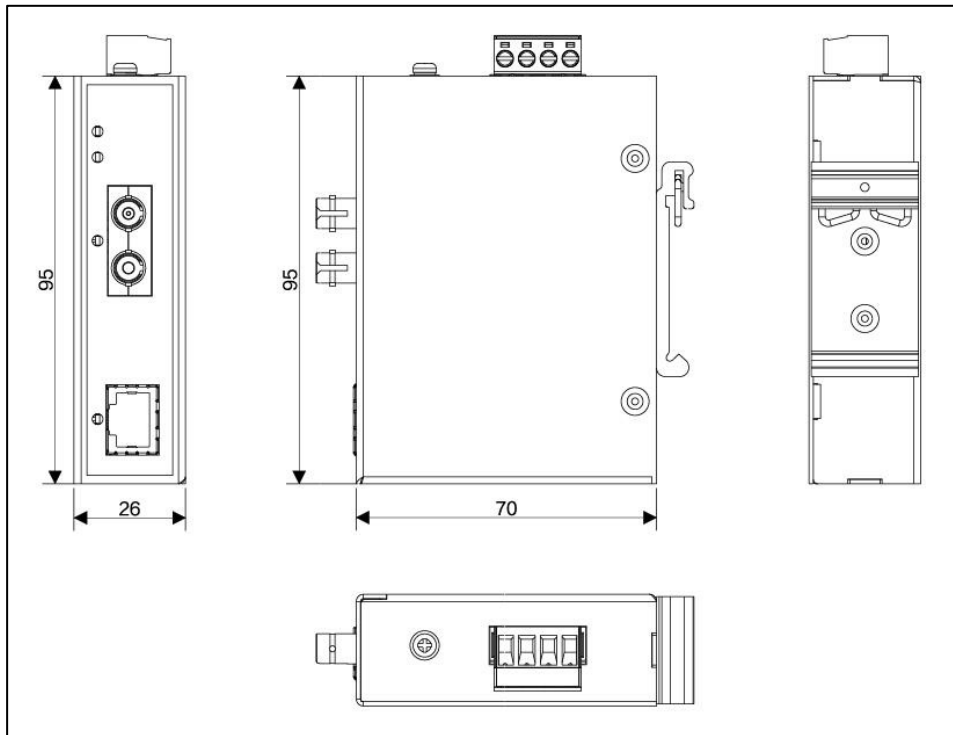|	
Operating Temperature	-40 ~ 75°C
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Ambient Relative Humidity	5 ~ 95% RH, (non-condensing)

Approvals	
EMI	EN60950-1;FCC Part 15, CISPR (EN55032) Class A; EN55035; RoHS IEC61000-4-2(ESD):±6kV contact discharge,±8kV air discharge
	IEC61000-4-3(RS):10V/m(80~1000MHz)
	IEC61000-4-4(EFT): power cable:±2kV; data cable:±1kV IEC61000-4-5(Surge):power cable:±2kV; data cable:±1kV IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)
Shock, Drop, Vibration	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock)
	IEC60068-2-32 (free fall)
Warranty Period	5 Years

DIMENSIONS

Unit:mm

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ORDERING INFORMATION

Model name	Description
HNT-1401-1FM-SC-T-X6R	Industrial 1 10/100M RJ45 to Multi-mode fiber converter, SC connector, 850nm/0.5KM, 1310nm/2KM
HNT-1401-1FS-SC-T-X6R	Industrial 1 10/100M RJ45 to Single-mode fiber converter, SC connector, 1310nm/30KM
HNT-1402-1FM-SC-T-X6R	Industrial 2 10/100M RJ45 to Multi-mode fiber converter, SC connector, 850nm/0.5KM, 1310nm/2 KM
HNT-1402-1FS-SC-T-X6R	Industrial 2 10/100M RJ45 to Single-mode fiber converter, SC connector, 1310nm/30 KM
HNT-1401-1FM-ST-T-X6R	Industrial 1 10/100M RJ45 to Multi-mode fiber converter, ST connector, 850nm/0.5KM, 1310nm/2KM
HNT-1401-1FS-ST-T-X6R	Industrial 1 10/100M RJ45 to Single-mode fiber converter, ST connector, 1310nm/30KM
HNT-1402-1FM-ST-T-X6R	Industrial 2 10/100M RJ45 to Multi-mode fiber converter, ST connector, 850nm/0.5KM, 1310nm/2 KM
HNT-1402-1FS-ST-T-X6R	Industrial 2 10/100M RJ45 to Single-mode fiber converter, ST connector, 1310nm/30 KM