

HNT-1401FM/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 fiber port
- SC connector has Multi and Single mode with different distance

DESCRIPTION

HNT-1401FM/FS-T-X6R Series industrial media converters provide industrial media conversion between 10/100BaseT(X) and 100BaseFX(SC connector); connection options include multi-mode SC connector (5km), and single-mode SC connector (40km). HNT-1401FM/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)

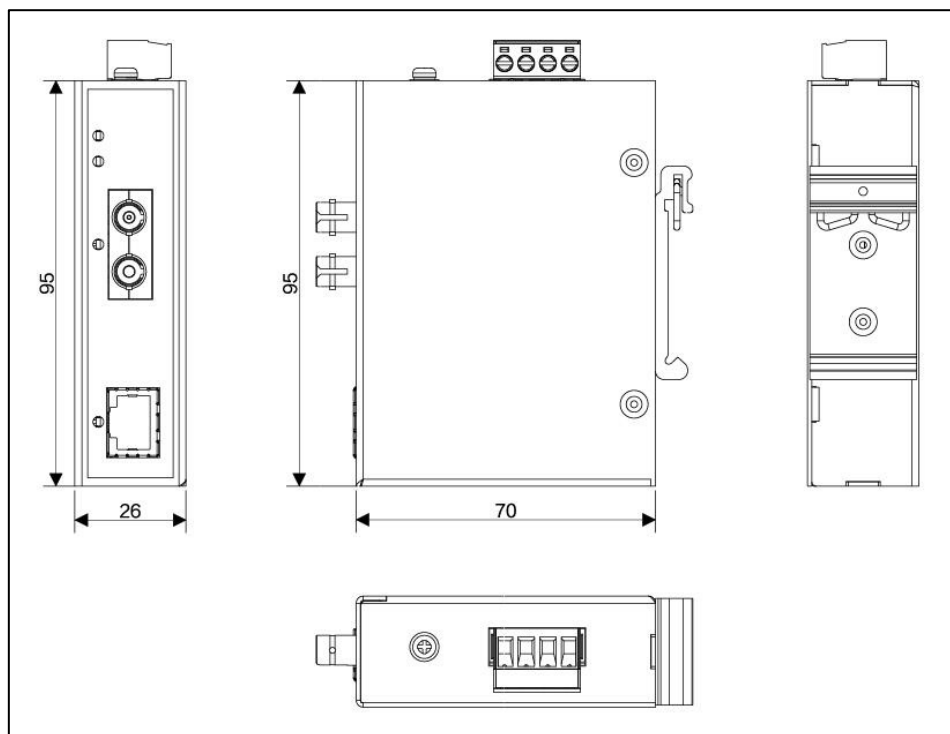
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Approvals

EMI	<p>EN60950-1; FCC Part 15, CISPR (EN55022) Class A; RoHS</p> <p>IEC61000-4-2(ESD):±6kV contact discharge,±8kV air discharge</p> <p>IEC61000-4-3(RS):10V/m(80~1000MHz)</p> <p>IEC61000-4-4(EFT): power cable:±2kV; data cable:±1kV</p> <p>IEC61000-4-5(Surge):power cable:±2kV; data cable:±1kV</p> <p>IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)</p>
Shock, Drop, Vibration	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock)
Warranty Period	IEC60068-2-32 (free fall) 5 Years

DIMENSIONS

Unit:mm



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ORDERING INFORMATION

Model name	Description
HNT-1401FM-SC-T-X6R	Industrial 1 10/100M RJ45 to Multi-mode fiber converter, SC connector, 850nm/0.5KM, 1310nm/5KM
HNT-1401FS-SC-T-X6R	Industrial 1 10/100M RJ45 to Single-mode fiber converter, SC connector, 1310nm/40KM
HNT-1402FM-SC-T-X6R	Industrial 2 10/100M RJ45 to Multi-mode fiber converter, SC connector, 850nm/0.5KM, 1310nm/5 KM
HNT-1402FS-SC-T-X6R	Industrial 2 10/100M RJ45 to Single-mode fiber converter, SC connector, 1310nm/40 KM