

MC350-1T-2S

1-Port 10/100/1000Base-T Copper + 2-Port SFP Unmanaged Media Converter (-40~75°C) - Power 12-48V DC - Din rail or Wall Mount - accepts SFP S20 and S30 Series

Overview

The IFS® Gigabit Ethernet to 2-Port SFP Industrial Media Converter is designed for the most demanding IP network applications offering the flexibility of SFP technology and wide operating temperature range.

SFP Technology

This model converts 10/100/1000Base-T Ethernet on copper to 100Base-X or 1000Base-X fiber via Small Form-factor Pluggable (SFP) technology. The media converter can be custom configured to your exact system design specifications by utilizing a variety of IFS SFP Mini-GBIC modules. IFS SFP Mini-GBIC modules are available in a variety of versions from multi-mode or single mode fiber, 1 or 2 fibers and wide-temperature versions.



Dettagli

- 10/100/1000 Base-SX/BX/LX/LHX/ZX and 100 Base-FX/BX/LX
- 10/100/1000Base-T: 2-pair Cat. 5e/6 UTP cable, up to 100 meters
- 2 SFP slots provide for custom configuration
- Optical fiber and distance varies by SFP (ordered separately)
- Plug-n-play installation
- Slim IP30 metal enclosure
- DIN-rail or wall-mounting
- 12 to 48 VDC or 24VAC, redundant power with reverse-polarity protection
- Alarm relay output for port breakdown and power-failure alert
- Complies with IEC60068-2-xx standards for free-fall, shock and vibration
- Wide operating temperature range of -40°C ~ +75°C
- Protects non-PoE devices if accidentally connected

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Specifiche tecniche

Generale

Categoria	Industriale
Tipo	Da Ethernet a SFP
Cambia velocità effettiva (Mpps)	4.46
Lascia cadere e ripeti	Si
Uscita guasto relè	Si

Conessioni

No. di porte	1
Velocità porta	Gigabit
Tipo porta	10/100/1000
Porta fibra	2
Tipo porta fibra	SFP
Velocità porta fibra	1000Base SX/BX/LX/LHX/ZX or 100Base FX/LX/BX
Supporto SFPs	S20/S25 series, S30/S35 series
Distanza fibra	SFP dependant
Connettore fibra	LC
Lunghezza d'onda	SFP dependant

Elettrico

Tipo di alimentatore	12 a 48 VDC
Valore di alimentazione	24 to 48 VDC or 24 VAC
Consumo di energia	4.8 W
PoE	No
Alimentazione ridondante	Si

Fisico

Dimensioni fisiche	32 x 87 x 135 mm, 1.25 x 5.32 x 3.43 in. (H x W x D)
Peso netto	500 g, 1.2 lbs.
Tipo di montaggio	barra DIN, Montaggio a parete

Ambientale

Temperatura operativa	-40 to +75°C
Temperatura di immagazzinamento	-40 to +85°C
Umidità relativa	5 to 90% noncondensing
IP rating	IP30

Ethernet

Data Rate	10/100/1000 Base-T
Throughput (packet per second)	1,488,000pps
Switch Architecture	Store-and-forward
Jumbo Packet Size	9K
Flow Control	Back Pressure for Half Duplex, Mode Pause for Full-Duplex Mode IEEE 802.3x
Connector	RJ-45 (Auto-MDI/MDI-X)
Cable Type and Distance	10Base-T: 2-pair UTP Cat. 3,4,5, up to 100 m (328 ft.) / 100Base-TX: 2-pair UTP Cat. 5e, up to 100 m (328 ft.) / 1000 Base-T: 4-pair UTP Cat. 5e, 6 up to 100m (328 ft.)

Fiber

Data Rate	100Base-FX/BX/LX and 1000Base-SX/BX/LX/LHX/ZX
Connector	SFP (Mini-GBIC) port
Fiber Type and Distance	Varies by SFP module

LED Indicators & Controls

Power/Status	Green/On - power
10/100/1000Base-TX port	Green/On - active port (TX/RX), Amber/On - PoE in-use
SFP (Mini-GBIC) port link	Green/On - link established

Electrical & Mechanical

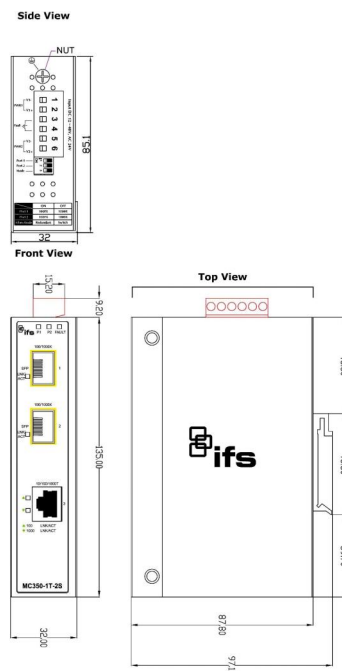
Enclosure	IP30 rated metal enclosure
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Environmental

MTBF	>50,000 h @ 25°C
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Standards Compliance

IEEE	IEEE 802.3 10Base-T / IEEE 802.3u 100Base-TX / 100Base-FX / IEEE 802.3ab 1000Base-TX / IEEE 802.3z 1000Base-SX/LX/BX / IEEE 802.3x Flow Control and Back Pressure
EMI	EN 55022 CLASS A / EN61000-3-2:2006 / EN61000-3-3: 1995+1A:2001+A2:2005
EMS	EN 55024:1998+A1:2001+A2:2003 / IEC 61000-4-2:2001 / IEC 61000-4-3:2008 / IEC 61000-4-4:2004 / IEC 61000-4-5:2005 / IEC 61000-4-6:2008 / IEC 61000-4-8:2001



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Last updated on 25 January 2024 - 9:25