MC352-1P/1S

1-Port 10/100/1000Base-T IEEE802.3af/at Copper + 1-Port SFP Unmanaged Media Converter (1x 30W PoE Budget) (-40~75°C) - Power 24-48V DC or 24V AC - Din rail or Wall Mount -

Overview

These IFS Gigabit Ethernet to SFP Industrial Media Converters are designed for the most demanding IP network applications offering the flexibility of SFP technology and wide operating temperature range. The MC352-1P/1S model provides full IEEE802.3-at (30w) PoE and serves as a PSE device.



SFP Technology

These models convert 10/100/1000Base-T Ethernet on copper to 1000Base-X fiber via Small Form-factor Pluggable (SFP) technology. These media converters 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
- 10/100Base-TX: 2-pair Cat. 5e/6 UTP cable, up to 100 meters
- 1 SFP slot provides custom configuration
- Optical fiber and distance varies by SFP (ordered separately)
- Plug-n-play installation
- Slim IP30 metal enclosure
- DIN-rail or wall-mounting
- 24 to 48 VDC with 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
- Power over Ethernet
- Complies with IEEE 802.3at
- Inserts 52VDC (30w) power on Category network cable
- Protects non-PoE devices if accidentally connected
- Backwards compatible with IEEE802.3af

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Specifiche tecniche

Generale

Categoria	Industriale
Tipo	Da Ethernet a SFP
Cambia velocità effettiva (Mpps)	14.8
Uscita guasto relè	Si

Connessioni

No. di porte	1
Velocità porta	Gigabit
Tipo porta	10/100/1000
Porta fibra	1
Tipo porta fibra	SFP
Velocità porta fibra	1000Base SX/BX/LX/LHX/ZXor 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	24 a 48 VDC
Consumo di energia	33 W
Consumo attuale	1.4 A
PoE	Yes
PoE / PoE+	1 port PoE+ (802.3at)
Alimentazione ridontante	Yes

Fisico

Dimensioni fisiche	32 x 87 x 135 mm (H x W x D) 5.31 x 3.34 x 1.25 in.
Peso netto	500 g 1.2 lbs.
Materiale	Metallo
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 95% non-condensing
IP rating	IP30

Ethernet

Data Rate	100 Base-FX/BX/LX and 1000Base-SX/BX/LX/LHX/ZX
Throughput (packet per second)	1,488,000pps
Switch Architecture	Store-and-forward
Jumbo Packet Size	9 K
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	10 Base-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	1000 Base-SX/LX/BX 802.3z
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
Reset button	Reset to factory default settings

Environmental

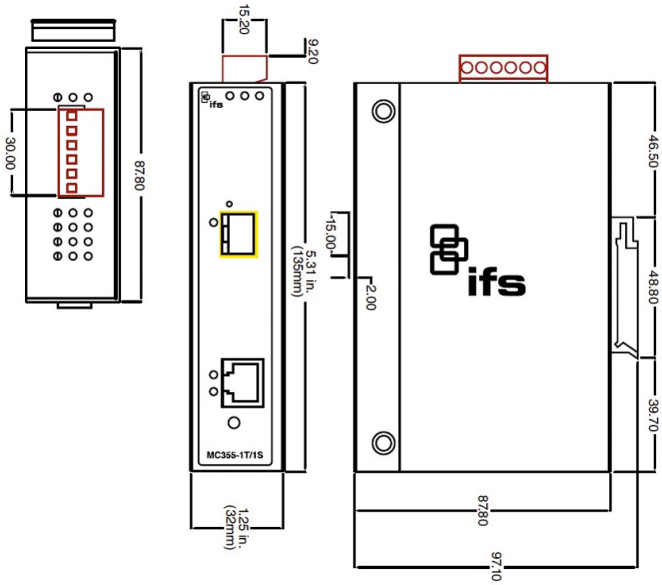
MTBF	>50,000 h @ 25°C

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 / 02.3Q VLAN Tagging / IEEE 802.3x Flow Control and Back Pressure / IEEE 802.3p Class of Servic
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

Prodotti compatibili

Categoria	Riferimento	Descrizione
Alimentatori	PS48VDC100W-DIN	100-240V AC Input 48VDC 100W Power Supply with DIN rail mount



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