

FiberLink 500 Industrial 10/100TX to 100FX Redundant Media Converter w/Din-Rail clip

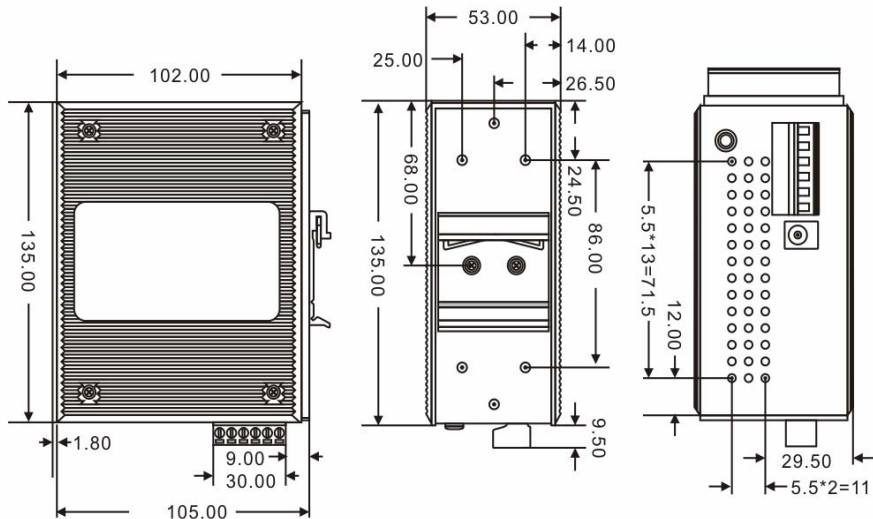


IFL-500 is an Industrial Ethernet to Fiber Converter, designed for a demanding network environment. It uses an Ethernet connection and has a built-in smart alarm function. It is able to withstand a wide operating temperatures and high degrees of vibration and shock. In this package, you will receive an IP30 aluminum case, DIN-rail kit and redundant power inputs.

Redundant Power Inputs

IFL-500 provides two power inputs that can be connected simultaneously to a live DC power source. If one of the power input fails, the other live source acts as a backup to automatically support the IFL-500's power needs.

Dimensions (unit=mm)

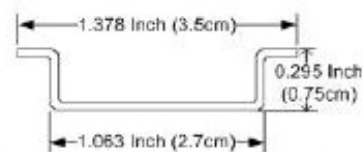
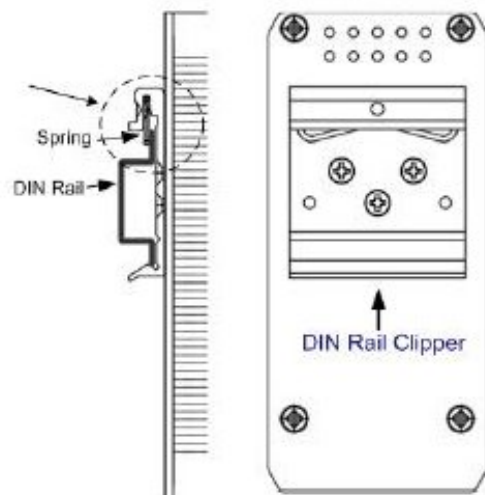


DIN-Rail Mounting

The DIN-Rail clip is already attached on the rear side of the switch supports EN 50022 standard DIN Rail, in the following diagram includes the dimension of EN 55022 DIN Rail.

Follow the steps below to mount the switch on the DIN-Rail track.

1. Insert the upper end of the DIN-Rail clip into the back of the DIN-Rail track from its upper side
2. Lightly push the bottom of the DIN-Rail clip into the track.
3. Check if the DIN-Rail clip is tightly attached to the track.
4. To remove the switch from the track, reverse the steps above.



DIN EN 50022 DIN Rail Dimension

Features:

Network Switching Technology

- 1x10/100BaseT(X) (RJ45) port and 100BaseFX (Multi/Single Mode, SC/ST Connector)
- Support IEEE 802.3 / 802.3u / 802.3x
- 10/100M, Full/Half-Duplex, MDI/MDI-X auto-sensing
- Built-in link lost forwarding technology

Industrial Reliability

- Power failure, port break alarm by relay output
- Redundant DC power inputs

Rigid Design

- Operating temperature from -10 to 70°C
- Storage temperature from -40 to 80°C
- IP 30, rigid metal case
- DIN-Rail / Wall-mounting / Desktop Installation

Specifications:

Technology

Standards	IEEE802.3, 802.3u, 802.3x
Processing Type	Store and Forward
Flow Control	IEEE802.3x flow control, back pressure flow control
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP

Interface

RJ45 Ports	1*10/100BaseT(X) auto-negotiation speed, F/H-Duplex mode, and auto-MDI/MDI-X connection
Fiber Ports	1*100BaseFX port (Multi/Single Mode, SC/ST Connector)
LED Indicators	Power, Faults, 10/100M, Link/Act and HDX/FDX
DIP Switch	Port break alarm
Alarm Contact	One relay output with current carrying capacity of 1A @ 24 VDC

Power

Input Voltage	24VDC (12 to 48 VDC), redundant inputs
Connection	Removable 6-pin Terminal Block
Power Consumption	4.6 Watts
Reverse Polarity Protection	Present

Mechanical

Casing	IP30 protection, metal case
Dimensions	53 x 135 x 105 mm (W x H x D)
Weight	600 g
Installation	DIN-Rail, Wall-mounting, Desktop

Environment

Operating Temperature	-10 to 70°C
Storage Temperature	-40 to 80°C
Humidity	5 to 95% RH (non-condensing)

Regulatory Compliance

Safety	UL, CUL, CE, EN60950
EMI	FCC Part 15
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), Level 3, EN61000-4-6 (CS), Level 3
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6

Ordering Information:

IFL-500ST : Industrial 10/100TX to 100FX Media Converter w/Multi-mode ST connector

IFL-500SC : Industrial 10/100TX to 100FX Media Converter w/Multi-mode SC connector

IFL-500SC30 : Industrial 10/100TX to 100FX Media Converter w/Single-mode SC 30 km

* Product specifications subject to change without notice.