

# TRENDNET<sup>®</sup>

## Quick Installation Guide

Industrial 100Base-FX Multi-Mode SC Fiber Converter (2km, 1.24 mi.)  
TI-F10SC

Industrial 100Base-FX Single-Mode SC Fiber Converter (30km, 18.6 mi.)  
TI-F10S30

Hardened Industrial 100BASE-LX Multi-Mode SC Fiber Converter (1km, 0.62mi.)  
TI-FGSC



<https://www.trendnet.com/qig/1680>

### Safety Note



- Turn off the power before connecting any module or wire. The correct power supply voltage is listed on the product label. Check the voltage of your power source to make sure that you are using the correct part. Do NOT use voltage greater than the maximum listed on the product label.
- Calculate the maximum possible current in each power wire and common wire. Observe all electrical codes dictating the maximum current allowable for each wire size. If the current surpasses the maximum ratings, the wiring could overheat, causing serious damage to your equipment.

### Power Consumption

Model	Power Consumption	DC Input Voltage Range
TI-F10SC	1.56W	12 – 60V
TI-F10S30	1.62W	12 – 60V
TI-FGSC	2.148W	12 – 60V

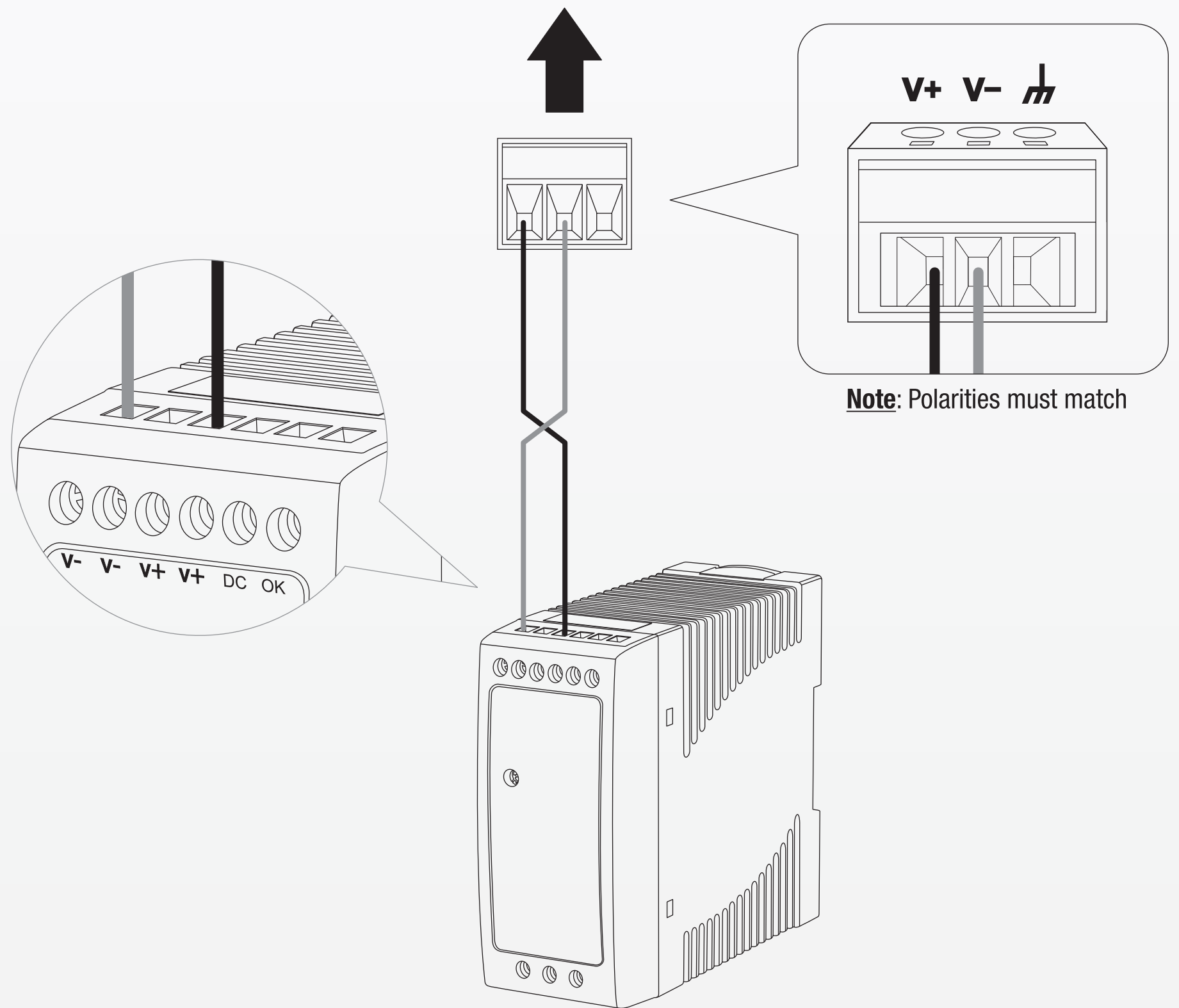
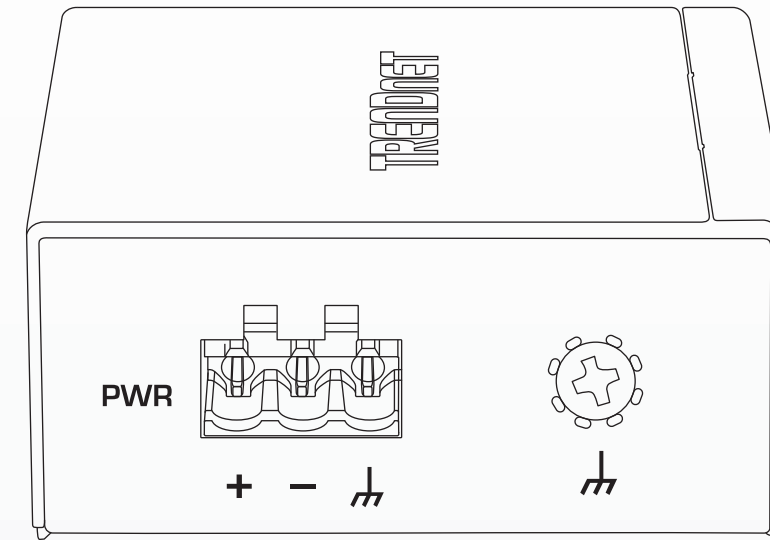
### LED Indicators

LED	Status	Description
PWR	Green (Solid)	Device is powered on.
	Off	Device is powered off or not receiving power.
Port 1 (RJ-45 Ethernet Port)	Green (Solid)	RJ-45 Ethernet connection established at 10Mbps/100Mbps/1Gbps.
	Green (Blinking)	Data transmission.
Port 2 (SC Fiber Port)	Green (Solid)	SC Fiber connection established at 100Mbps/1Gbps.
	Green (Blinking)	Data transmission.

### DIP Switch

DIP	Status	Description
DIP 1 (LFPT)	ON	Link fault passthrough function enabled.
	OFF	Link fault passthrough function disabled.
DIP 2 (Mode)	ON	Converter mode.
	OFF	Switch mode.

The converter may be different than the one shown in the example



**Note:** Polarities must match

## Declaration of Conformity

TRENDnet®

### Manufacturer's Name and Address

TRENDnet, Inc.  
20675 Manhattan Place  
Torrance, CA 90501 USA

Zwolsestraat 156 2587 WB  
The Hague The Netherlands



### Product Information

**Model Number:** TI-F10SC / TI-F10S30 / TI-FGSC

**Product Name:** Industrial 100Base-FX Multi-Mode SC Fiber Converter (2km, 1.24mi.)

Industrial 100Base-FX Single-Mode SC Fiber Converter (30km, 18.6mi.)

Hardened Industrial 1000BASE-LX Multi-Mode SC Fiber Converter (1km, 0.62mi.)

**Trade Name:** TRENDnet

TRENDnet hereby declares that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

**Safety** EN IEC 62368-1:2020+A11:2020

**EMC** EN 55032:2015/A1:2020  
EN 55035:2017/A11:2020  
EN IEC 61000-3-2:2019+A1:2021  
EN 61000-3-3:2013+A2:2021  
EN IEC 61000-6-2:2019  
EN IEC 61000-6-4:2019

This product is herewith confirmed to comply with the Directives.

**Directives:** EMC Directive 2014/30/EU  
RoHS Directive (EU) 2015/863  
RoHS Directive 2011/65/EU  
WEEE Directive 2012/19/EU  
REACH Regulation (EC) No. 1907/2006  
Low Voltage Directive 2014/35/EU

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: December 04, 2024

Title: VP of Technology

Name: Sonny Su

Signature:



## Déclaration de conformité

TRENDnet®

### Nom et adresse du fabricant

TRENDnet, Inc.  
20675 Manhattan Place  
Torrance, CA 90501 USA

Zwolsestraat 156 2587 WB  
The Hague The Netherlands



### Détails du produit

**Modèle:** TI-F10SC / TI-F10S30 / TI-FGSC

**Nom du produit:** Convertisseur industriel fibre SC multimode 100Base-FX (2 km, 1,24 mile)

Convertisseur industriel fibre SC monomode 100Base-FX (30 km, 18,6 mile)

Convertisseur fibre SC industriel renforcé multimode 1000 Base-FX (1 km, 0,62 mile)

**Nom Commercial:** TRENDnet

TRENDnet déclare par la présente que le produit est conforme aux exigences essentielles et aux autres dispositions pertinentes de la Directive en vertu de notre seule responsabilité.

**Sécurité** EN IEC 62368-1:2020+A11:2020

**CEM** EN 55032:2015/A1:2020  
EN 55035:2017/A11:2020  
EN IEC 61000-3-2:2019+A1:2021  
EN 61000-3-3:2013+A2:2021  
EN IEC 61000-6-2:2019  
EN IEC 61000-6-4:2019

Ce produit est conforme à la directives suivante.

**Directives:** Directive CEM 2014/30/UE  
Directive RoHS (UE) 2015/863  
Directive RoHS 2011/65/UE  
Directive WEEE 2012/19/UE  
REACH Règlement (CE) N° 1907/2006  
Directive Basse Tension 2014/35/UE

Personne responsable de cette déclaration.

Lieu de délivrance: Torrance, California, USA

Date: 04 décembre, 2024

Position: Vice-président de Technologie

Nom: Sonny Su

Signature:



## Konformitätserklärung

TRENDnet®

### Name und Adresse des Herstellers

TRENDnet, Inc.  
20675 Manhattan Place  
Torrance, CA 90501 USA

Zwolsestraat 156 2587 WB  
The Hague The Netherlands



### Informationen zum Produkt

**Modellnummer:** TI-F10SC / TI-F10S30 / TI-FGSC

**Produktname:** Industrieller 100Base-FX Multi-Mode SC-Glasfaser -Konverter (2km, 1.24 mi.)

Industrieller 100Base-FX Single-Mode SC-Glasfaser -Konverter (30km, 18,6 mi.)

Gehärteter industrieller 1000BASE-LX Multi-Mode SC-Glasfaserkonverter (1km, 0,62 mi.)

**Handelsname:** TRENDnet

TRENDnet erklärt hiermit, dass das Produkt in unserer alleinigen Verantwortung mit den grundlegenden Anforderungen und anderen relevanten Bestimmungen übereinstimmt.

**Sicherheit** EN IEC 62368-1:2020+A11:2020

**EMV** EN 55032:2015/A1:2020  
EN 55035:2017/A11:2020  
EN IEC 61000-3-2:2019+A1:2021  
EN 61000-3-3:2013+A2:2021  
EN IEC 61000-6-2:2019  
EN IEC 61000-6-4:2019

Hiermit wird bestätigt, dass dieses Produkt den folgenden Richtlinien entspricht.

**Richtlinien:** EMV-Richtlinie 2014/30/EU  
RoHS-Richtlinie (EU) 2015/863  
RoHS-Richtlinie 2011/65/EU  
WEEE-Richtlinie 2012/19/EU  
REACH-Verordnung (EG) Nr. 1907/2006  
Niederspannungsrichtlinie 2014/35/EU

Für diese Erklärung verantwortliche Person.

Ort der Ausstellung: Torrance, California, USA

Datum: Dezember 04, 2024

Titel: Vice President of Technology

Name: Sonny Su

Unterschrift:



## Declaration of Conformity

TRENDnet®

### Manufacturer's Name and Address

TRENDnet, Inc.  
20675 Manhattan Place  
Torrance, CA 90501 USA

Authorized Representative:  
Office: +44 (0) 1635 887 399  
Unit 4 Rivermead Business Park,  
Pipers Way, Thatcham, RG19 4EP England



### Product Information:

**Model Number:** TI-F10SC / TI-F10S30 / TI-FGSC

**Product Name:** Industrial 100Base-FX Multi-Mode SC Fiber Converter (2km, 1.24mi.)

Industrial 100Base-FX Single-Mode SC Fiber Converter (30km, 18.6mi.)

Hardened Industrial 1000BASE-LX Multi-Mode SC Fiber Converter (1km, 0.62mi.)

**Trade Name:** TRENDnet

TRENDnet hereby declares that the product is in compliance with the essential requirements and other relevant provisions under our sole responsibility.

**Safety** BS EN IEC 62368-1:2020+A11:2020

**EMV** BS EN 55032:2015/A1:2020  
BS EN 55035:2017/A11:2020  
BS EN IEC 61000-3-2:2019+A1:2021  
BS EN 61000-3-3:2013+A2:2021  
BS EN IEC 61000-6-2:2019  
BS EN IEC 61000-6-4:2019

This product is herewith confirmed to comply with the Directives.

**Directives:** Electromagnetic Compatibility Regulations 2016  
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012  
The Waste Electrical and Electronic Equipment Regulations 2013 (as amended)  
The REACH Enforcement Regulations 2008 (as amended)  
Electrical Equipment (Safety) Regulations 2016

Person responsible for this declaration.

Place of Issue: Torrance, California, USA

Date: December 04, 2024

Title: VP of Technology

Name: Sonny Su

Signature:



### Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service. Specific warranty periods are listed on each of the respective product pages on the TRENDnet website.

### Garantie Limitée

TRENDnet garantit ses produits contre les problèmes de matériel ou de fabrication, dans des conditions normales d'utilisation et de service. Les périodes de garanties précises sont mentionnées sur chacun des pages produits du site web de TRENDnet.

### Eingeschränkte Garantie

TRENDnet gewährt eine Garantie für seine Produkte im Falle von Material- und Bearbeitungsdefekten, bei normaler Verwendung und Wartung. Spezielle Garantiezeiträume werden auf jeder Produktseite auf der Website von TRENDnet genannt.

### Garantía limitada

TRENDnet garantiza que sus productos carecen de defectos en el material y la fabricación, en condiciones de uso y funcionamiento normales. Los periodos específicos de garantía figuran en cada una de las páginas de producto del sitio web de TRENDnet.

### Garantia Limitada

A TRENDnet garante seus produtos contra defeitos de material e mão de obra sob condições normais de uso e serviço. Os períodos de garantia específicos estão listados em cada uma das páginas dos respectivos produtos no site da TRENDnet.

### Piiratud garantii

TRENDneti garantii hõlmab materjali- ja koostamisdefekte, mis ilmnevad toote tavapärasel kasutamisel. Garantiiaja täpne pikkus konkreitse toote puhul on leitav TRENDneti kodulehelt vastava toote infolehel.

### Garanzia limitata

TRENDnet garantisce i propri prodotti da difetti di materiali e manodopera, in condizioni di normale uso ed esercizio. I periodi di garanzia specifici sono elencati sulle rispettive pagine di prodotto sul sito TRENDnet.

### Certifications

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or Retailer for recycling advice.

### Technical Support

If you have any questions regarding the product installation, please contact our Technical Support.  
Toll free US/Canada: **1-866-845-3673**  
Regional phone numbers available at [www.trendnet.com/support](http://www.trendnet.com/support)

**TRENDnet**  
20675 Manhattan Place  
Torrance, CA 90501  
USA

Applies to PoE Products Only: This product is to be connected only to PoE networks without routing to the outside plant.

### Note

The Manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

### Advertencia

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.

### Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDnet's website at: [www.trendnet.com/register](http://www.trendnet.com/register)