FOCD-I-TPS-FX/SFP FOCD-I-TGPS-GSX/GLX/SFP



Feature

- Ethernet/Fast-Ethernet/ Gigabit Ethernet media and Switch Converter
- Copper Ethernet POE source PSE according to IEEE802.3af and 802.3at up to 30W or "POE PLUS"
- FOCD-I-TPS-FM/FS30 100FX multi-mode 2km or single mode 30km to 10/100BaseT PoE PSE
- FOCD-I-TPS-FX-SFP 100FX with SFP to 10/100BaseT PoE PSE
- FOCD-I-TGPS-GS/GL10 1000SX multimode 550m or 1000LX single mode 10km to 10/100/1000BaseT PoE PSE
- FOCD-I-TGPS-SFP 1000SX/LX with SFP to 10/100/1000BaseT PoE PSE
- Plastic box design with DINrail and wall fixation
- 48V power supply with dual input terminal block and J21 jack
- « Link Alarm » function
- Working temperature -20 to +60°C



DISTRIBUTION OF POE ETHERNET FROM FIBER

The media converters FOCD-I-TPS/TGPS distribute the Ethernet access and the POE source up to 30W from a fiber in building and factories. This compact device integrates a DIN-rail fixing and several wall fixing and is convenient for installation in intelligent building. His adaptive POE Plus source 802.3at can power any type of camera, Wifi access point, building access control... over the Ethernet port.

The FOCD-I-TPS/TGPS work between -20 to +60°C and can be install in non protected zone. The power supply is providing by a simple AC/DC converter with jack or with industrial DC power supply connected to dual terminal block. CXR provide in option these power converters.

The fiber port to the Ethernet source is available as 100FX or 1000SX/LX with fixed optical transceiver or with SFP. The SFP modules are supplied

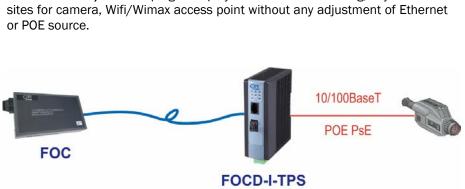
The FOCD-I-TPS integrate a switch to 10Baset and 100BaseT or the version FOCD-I-TGPS switch 10/100/1000BaseT equipment. The rate settling is process automatically of per DIP switch selection.

The FOCD-I supports the « Link alarm » function, then in case the fiber port us cut the copper port is down or when the copper port is down or disconnect the fiber port is down. This function is particularly interesting to advise the switch/ router when the link is down. All functions including also the rate, the auto/half/full duplex can be un selected by DIP switch.

Fiber port is a fixed fiber or and SFP module. CXR

supply in option a large range of SFP: multi-mode up to 2km, single mode up to 200km, standard dual fibers or single fiber WDM or CWDM to share the same fiber together with CWDM filter.

The FOCD-I-TPS/GTPS a plug and play installation in building, dry industrial





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FOCD-I-TPS



SFP Version

Smart Solutions for

Smart Networks



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SPÉCIFICATIONS

Copper Interface:

10/100Base-TX or 10/100/1000Base-TX, RJ45 POE source PSE support IEEE802.3af up to 15,4W and IEEE802.3at up to 30W

Fiber Interface:

100Base-FX or 1000SX/LX

- Fixed multi-mode interface with SC or ST connector
- Fixed Single mode interface, 30Km FX and 10km GLX with SC connector
- Slot for SFP module SFP no included. CXR supply optional multimode or single mode or CWDM SFP

Standards

IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3x Flow Control

IEEE 802.3af PoE PSE 15,4W maximum IEEE 802.3at PoE PSE 30W maximum

Hardware specification:

Rate Auto-Negotiation of copper port MDI/MDIX Auto-selection Support of « Link Alarm » function Table MAC address 1K

Buffer 48Koctet Ethernet supports:

MTU= Jumbo frames up to 9K

Flow Control

Two ports Layer 2 switch Store and Forward

Set up

Automatic or per DIP Switch

LEDs:

Power, FDX, Status, Speed, F/O Link/Act, TX Link/Act, POE

Environment

Working temperature -20° ~ 60°C

Stocking -20° ~ 70°C

Humidity $5\% \sim 90\%$, non-condensed

Dimension/weigh

106x90x35 mm (H x P x L) with connector 106x100x35mm

Shipping weight 0.42Kg Safety and EMC

Salety and EMC

CE, FCC Part 15 Class A,

Integrated fixing

Wall on back or side

DIN-rail **MTBF**

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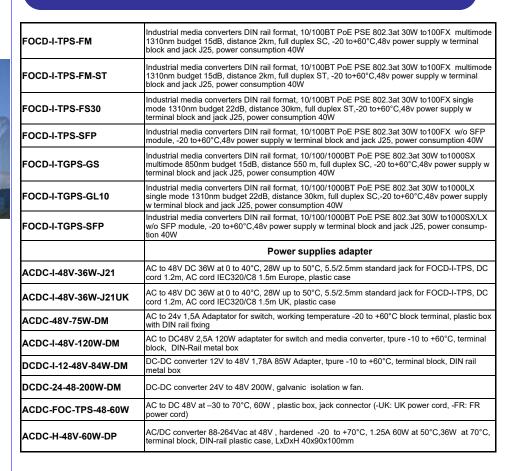
113 years Power supply request:

48VDC

Over dual input on terminal block or by jack Consumption 4W without POE.

34W with maximum supply of POE

MODEL NUMBER



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