POE200 Series POE Media Converters

Overview

The POE Series IEEE 802.3u compliant media converters support two types of media 10/100 Base-TX and 100Base-FX. With LFP (Link Fault Propagation) support it allows the administrator to easily diagnose link faults on their network. If the Copper or Fibre link fails, the converter forces the link status of the connecting device to also fail. LFP uses two modes FEF (Far End Fault) and Forced mode.

The POE200 Series of media converters are designed for applications where the supply of power to attached Ethernet devices needs to be via the network connection, rather than by a power cord. Typical devices that use this method of powering are VoIP Phones, Wireless Access points and IP based Cameras.

The POE200 Series media converters are fully compliant to the IEEE 802.3af standard. The converters include PD (Power Devices – POE120 Series, IP Phones, Wireless Access Points etc.) signature sensing and power monitoring features compliant with the IEEE 802.3af standard, This includes, PD discovery, classification, current limiting and other necessary functions. It also supports high levels of safety support with short circuit protection and power-out auto-detection to the PD.

Technical Specifications

Standards:	IEEE 802.3u 10/100Base-TX, 100Base-FX IEEE 802.3af Power Over Ethernet
UTP Cable:	Cat. 5 cable up to 100m
Fibre Cable:	50/125, 62.5/125 or 100/140 µm multi mode 8.3/125, 8.7/125, 9/125 or 10/125 µm single mode
Power Feeding Support:	Via TP Pins 1, 2, 3 and 6
LED Indicators:	Power, POE, TP LNK/ACT, 100, FX LNK/ACT, FDX/COL, 4W, 7W, 15.4W
Data Transfer Rate:	100Mbbps – 148,800pps 10Mbps – 14,880pps
Flow Control:	IEEE 802.3x compliant for Full Duplex Backpressure flow control for Half Duplex
Power Requirements:	AC 100 ~ 240V 50 ~ 60Hz
Power Consumption:	24W
Ambient Temperature:	0º to 50º C
Humidity:	5% to 90%
Dimensions:	40(H) x 158(W) x 133(D) mm
Complies with C-Tick, FCC Part 15 Class A and CE Mark	