

TreuPoz F-Series

TP-3700H Series for 10/100/1000 Base-T Networks 8/16/24 Port Gigabit PoE

This category of TreuPoz Series defined by IEEE802.3af standard for PoE which was formally approved in 2003, defining PoE applications requiring up to 12.95W of power.

TreuPoz F-Series PoE and splitters allow users to bring power and data to an array of devices without the expense of hiring an electrician to bring power to additional locations. Should the device that needs power such as a camera or VoIP phone not be PoE compatible, there are splitters available to separate the power and data while still eliminating the need for and expense of AC power outlets



Features:

IEEE 802.3af Detection, Disconnect and Overload Protection
Full Power of 370W--15.4W per Port No Power Management required
NIC Interface (Optional)
Full Protection OTP, OCP, OVP
SSL Option with SNMPv3
48V RPS Input (Optional)
10/100/1000 base T Compatible
Cisco Legacy Detection
Limited Lifetime Warranty
1U Rack Mounting Kit Ships with Unit1

Applications:

VoIP Phones
IP Cameras
Security Systems
Access Point
Lighting Systems with Single UPS

Dimension:

Length: 438mm (17.25in)
Height: 44.5 mm (1.75in)
Width: 228mm (8.98in)
Weight: 3.8Kg (8.5lbs)

Safety Approvals:

cUL/UL SAA CE C-Tick

Model Comparisons:

Model	Numbers of Ports	Maximum Output Power
TP-3708H-48F(x)	8	125 W
TP-3716H-48F(x)	16	250 W
TP-3724H-48F(x)	24	370 W

*Optional code (x) = Blank for standard product with no options
 "N" includes SNMP, Simple Network Management Protocol
 "R" RPS DC Input
 "RN" for RPS input and SNMP



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Technical Data:

INPUT:

AC Input

Voltage Range 90 to 264VAC
Frequency 47-63Hz
Voltage Rating 100 to 240VAC

Input Current

5.5A (RMS) maximum for 90VAC
2.75A (RMS) maximum for 240VAC

Leakage Current:

3.5mA maximum @ 254VAC 60Hz

Inrush Current:

30A (RMS) maximum for 115VAC

OUTPUT:

Total Output Power

15.4W per port
125-370W Total Power

Ripple and Regulation

100mV maximum

Efficiency

75% (typical) at maximum load, and 120VAC 60Hz

Hold-up Time

16mS min. 120 VAC at maximum load

Transient O/P Voltage Protection

60V maximum at switch on and off at any AC line Phase

Turn-On Delay Time

3 sec maximum at maximum load, and 120VAC 60Hz

ENVIRONMENTAL:

Temperature

Operation	0 to +40°C
Non-operation	-25 to +65°C

Humidity

Operation	5 to 90%
Non-Operation	5 to 90%

EMI

En55022 Class B, FCC Class B with FTP cabling
EN55022 Class A, FCC Class A with UTP cabling

Isolation Test

Primary to Secondary: 4242VDC for 1 minute
Primary to Ground: 2121VDC for 1 minute
Secondary to Ground: 2121VDC for 1 minute

Immunity EN50082-1

ESD:	EN61000-4-2. Level 3
RS:	EN61000-4-3. Level 2
EFT:	EN61000-4-4. Level 2
Surge:	EN61000-4-5. Level 3
CS:	EN61000-4-6. Level 2
Voltage Dips	EN61000-4-11
Harmonic:	EN61000-3-2 Class A

IEEE 802.3af Interoperability

UNH Interoperability report available upon request

FEATURES:

Cisco Legacy detection

No extern parts required for Legacy devices:

VoIP Phones:

7910, 7912, 7940, 7960

Access Points:

350, 1100, 1200

Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and overload protection as per 802.3af specifications

The output can be shorted permanently without damage

Over Temperature Protection

Automatic shutdown without damage

Indicators

Green LED: Power detected "ON"

Yellow LED: Fault detected

USB Diagnostics Port and NIC Interface

USB "B" port for diagnostics and manual port control
Windows GUI

Input Connector

AC Input IEC320 inlet 3 pin
DC for RPS option Molex Minifit Shell 39-01-20-65
Pins 39-00-0077

Warranty

Limited Lifetime Warranty



Product Dimension:

