

SPL-24 Series

IEEE 802.3af PoE splitter



- > IEEE 802.3af compliant, splits power and data from PoE equipment
- > Supports output power up to 12.95 W at 24 VDC
- > Short circuit protection for power output
- > Auto disconnection if power input voltage is too high
- > -40 to 75°C operating temperature range (T models)
- > DIN-Rail mounting ability



Specifications

Technology

Standards: IEEE 802.3 for 10BaseT,
IEEE 802.3u for 100BaseT(X) and 100BaseFX,
IEEE 802.3af for Power-over-Ethernet

Interface

RJ45 Ports: 10/100BaseT(X) for PoE IN and DATA OUT
LED Indicators: Power

Power Requirements

Input Voltage: 44 to 75 VDC
Output Voltage: 24 VDC
Output Power: 12.95W (0.54A @ 24 VDC)
Connection: Removable 3-pin terminal block for output
Overload Current Protection: 400 mA (@ 48 VDC input)
Efficiency: 85% (at 25°C, fully loaded)

Physical Characteristics

Casing: IP30 protection, plastic case
Dimensions (W x H x D): 24.87 × 100 × 74 mm (0.98 x 3.93 x 2.91 in)
Weight: 95 g
Installation: DIN-Rail mounting

Environmental Limits

Operating Temperature: 0 to 60°C (32 to 140°F)
-40 to 75°C (-40 to 167°F) for T model

Storage Temperature: -40 to 85°C (-40 to 185°F)

Ambient Relative Humidity: 5 to 95% (non-condensing)

Regulatory Approvals

Safety: UL508 (Pending)

Hazardous Location:

UL/cUL Class I, Division 2, Groups A, B, C, and D (Pending);
ATEX Class I, Zone 2, Ex nC IIC (Pending)
EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), level 3
EN61000-4-3 (RS), level 3
EN61000-4-4 (EFT), level 3
EN61000-4-5 (Surge), level 3
EN61000-4-6 (CS), level 3
EN61000-4-8
EN61000-4-11

Shock: IEC 60068-2-27

Freefall: IEC 60068-2-32

Vibration: IEC 60068-2-6

MTBF: 5,100,000 hrs

Database: MIL-HDBK-217F, GB 25°C

*Please check Moxa's website for the most up-to-date certification status.

Warranty

5 years (see www.moxa.com/warranty for details)

Dimensions (unit = mm)

