SPL-24 Series

PoE splitters

> 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
> -40 to 75°C operating temperature range (T model)
> DIN-Rail mounting ability

Specifications

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

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

Power Requirements
Input Voltage: 44 to 75 VDC (PoE)
Output Voltage: 24 VDC
Overload Current Protection: 400 mA @ 48 VDC input
Connection: 1 removable 3-contact terminal block for output
Output Power: Max. 12.95 watts (0.54 A @ 24 VDC)

Physical Characteristics
Housing: Plastic, IP30 protection
Dimensions: 24.9 × 100 × 86.2 mm (0.98 x 3.93 x 3.39 in)
Weight: 95 g
Installation: DIN-Rail mounting

Environmental Limits
Operating Temperature:
Standard Models: 0 to 60°C (32 to 140°F)
Wide Temp. Models: -40 to 75°C (-40 to 167°F)
Storage Temperature: -40 to 85°C (-40 to 185°F)
Ambient Relative Humidity: 5 to 95% (non-condensing)

Standards and Certifications
Safety: UL 508 (Pending)
EMI: FCC Part 15 Subpart B Class B, EN 55022 Class A
EMS:
EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3,
EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3,
EN 61000-4-6 (CS) Level 3, EN 61000-4-8
Marine: DNV, GL, LR, ABS, NK
Shock: IEC 60068-2-27
Freefall: IEC 60068-2-32
Vibration: IEC 60068-2-6
Note: Please check Moxa's website for the most up-to-date certification status.

MTBF (mean time between failures)
Time: 5,100,000 hrs
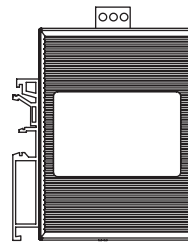**Database:** MIL-HDBK-217F, GB 25°C
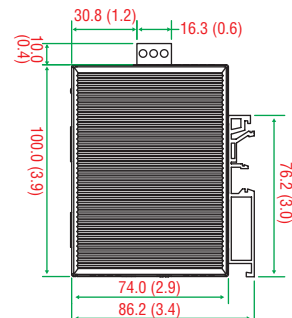
Warranty
Warranty Period: 5 years
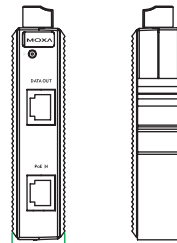**Details:** See www.moxa.com/warranty
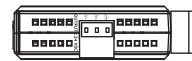
Dimensions

Unit: mm (inch)

Side View

30.8 (1.2)   16.3 (0.6)
10.0 (0.4)
100.0 (3.9)
76.2 (3.0)
74.0 (2.9)
86.2 (3.4)

Side View

Front View   Rear View   Top and Bottom Views

24.9 (1.0)

24.9 (1.0)

Ordering Information

Available Models
SPL-24: PoE splitter, maximum output of 12.95 W at 24 VDC, 0 to 60°C operating temperature
SPL-24-T: PoE splitter, maximum output of 12.95 W at 24 VDC, -40 to 75°C operating temperature

Package Checklist
• SPL-24 PoE splitter
• Hardware installation guide (printed)
• Warranty card