

Spectrum SCS-90W-SPL

Industrial Gigabit IEEE 802.3bt PoE Splitter

Key Features

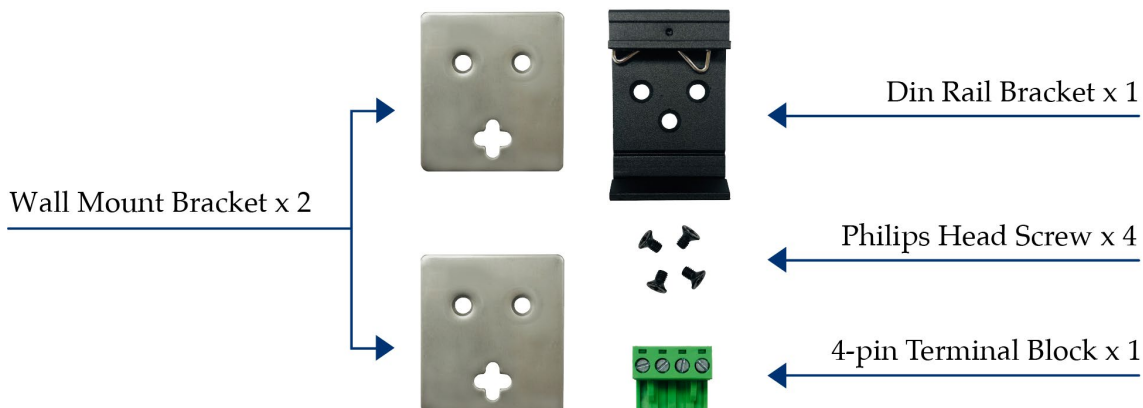
- 1 x 10/100/1000M TX PoE IN
- 1 x 10/100/1000M TX for DATA OUT
- Accepts input from 15W to 90W PSE
- Output voltage can be adjusted to 5VDC, 6VDC, 12VDC, or 24VDC using a dip switch for 2.5A or 5A current
- Operating temperature range of -40 to +75°C (-40°F to 167°F).



Description

The Spectrum PoE Splitter, SCS-90W-SPL, is equipped with 1 x 10/100/1000M TX PoE IN and 1 x 10/100/1000M TX for DATA OUT. It accepts input from 15W to 90W PSE. With a 90W input PoE power, the output voltage can be adjusted to 5VDC, 6VDC, 12VDC, or 24VDC using a dip switch for 2.5A or 5A current. This device is designed for environments where a DC power source is not available or whenever the situation requires power and data to be split from another PoE device. This PoE splitter is built to withstand harsh industrial environments, with an operating temperature range of -40 to +75°C (-40°F to 167°F). Overall, this device is a durable and efficient PoE splitter that can be used in various industrial applications.

Accessories Included



Specifications

Spectrum SCS-90W-SPL

DISPLAY

LED Indicator	PWR (GREEN) ON - Power is detected OFF - Power is not detected bt (GREEN) ON - PoE IEEE 802.3bt is detected OFF - PoE IEEE 802.3bt is not detected
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DIP SWITCH

DIP 1 / DIP 2	PoE 90W Input for: <UP / UP> 24VDC / 2.5A (Default) <DOWN / UP> 12VDC / 5A <UP / DOWN> 6VDC / 5A <DOWN / DOWN> 5VDC / 5A
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TERMINAL BLOCK

Removable Terminal Block	4 pin terminal block for power output Wire range: 0.34mm ² to 2.5mm ² Solid wire (AWG): 12-24 / 14-22 Stranded Wire (AWG): 12-24 / 14-22 Torque: 5lbs / In / 0.5Nm / 0.26Nm Wire Strip Length: 7-8mm (0.28-0.32")
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NETWORK

Connector (RJ45)	1 x Gigabit TX Port for PoE 'IN' 1 x Gigabit TX for Data 'OUT'
Cable	UTP / STP Cat .5e or above EIA / TIA - 568 (100m)
Protocol	CSMA / CD

POWER

PoE Input	15W / 30W / 60W / 90W
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Output <V1, V2>	2 Power Outputs - V1, V2 24VDC 12VDC 6VDC 5VDC
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Consumption	1.5W
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Overload Current Protection	Present
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OPERATING & STORAGE

Operating Temp	-40°C to 75°C (-40°F to 167°F) Fully Tested
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Operating Humidity	5% to 95% (Non-condensing)
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Storage Temp	-40°C to 85°C (-40°F to 185°F)
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MTBF (Mean Time Between Failure)	609,675.83 Hours (Telcordia (Bellcore), GB) at 50°C
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STANDARDS

Ethernet	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet
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PoE	IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3bt POE++ Compliant with 60W uPoE Standard Compliant with 95W Power over HDBaseT (PoH) Standard
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CERTIFICATIONS

Safety	UL 60950-1
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EMC	CE, FCC, EN 55032 / 35
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EMI	CISPR 32, FCC Part 15B Class A
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EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV IEC 61000-4-4 EFT: Powr: 2KV; Signal: 2KV IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
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Vibration	EN 60068-2-6
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Shock	EN 60068-2-27
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Free Fall	En 60068-2-32
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GENERAL

Material	Aluminum
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IP Rating	IP30
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Dimensions	L = 103.5mm (4.07") x W = 32mm (1.26") x D = 81.5mm (3.2")
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Installation Mounting	DIN Rail and Wall Mount options included
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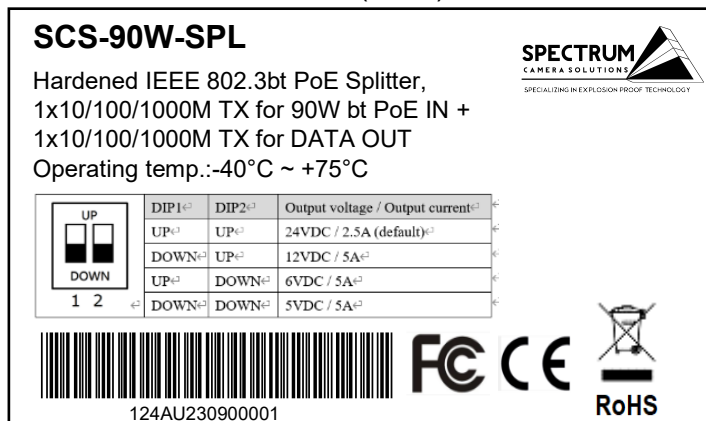
Specifications (continued)

Model: SCS-90W-SPL

ITEM	Label	Material	Label Size	Font	Barcode
1	FCC Label	Matte Silver Polyester	75mm (2.95") x 47mm (1.85"), Rad 3.2mm (0.12")	Arial	Code 39
2	Unit Pack Label	Art Paper Label	70mm (2.76") x 40mm (1.57"), Rad 3.2mm (0.12")	Arial	Code 39
3	Carton Label	Art Paper Label	102mm (4.02") x 102mm (4.02"), Rad 3.2mm (0.12")	Arial	N/A

1. FCC LABEL

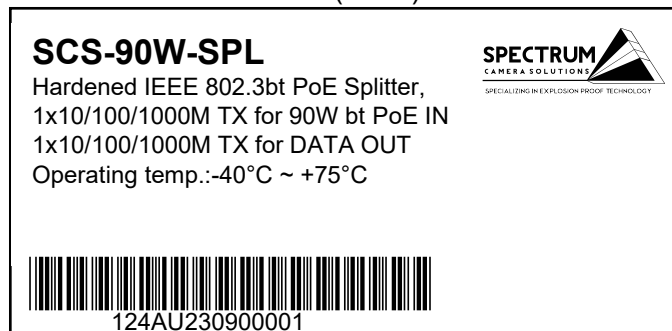
75 mm (2.95")



47mm
(1.85")

2. Unit Pack Label

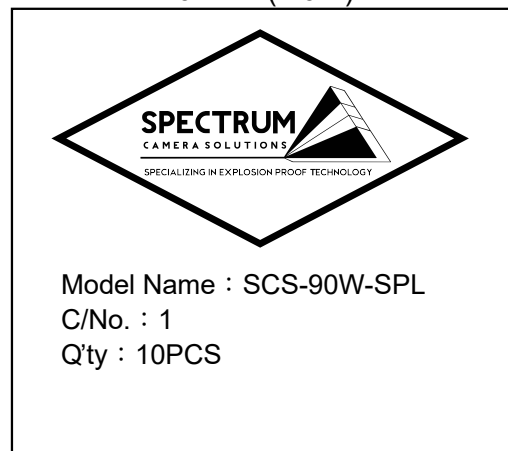
70mm (2.76")



40mm
(1.57")

3. Carton Label

102mm (4.02")



102mm
(4.02")

Dimensions (mm/inches)

