

SP4Z-A/B Supervised Speaker Audio Splitter

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- ▶ Expands one zone to two Class A zones or four Class B zones
- ▶ Operates at either 25 V or 70.7 V
- ▶ Provides power-limited output circuitry
- ▶ Mounts inside the system enclosure

The Cooper Wheelock SAFEPATH4 SP4Z-A/B is a supervised two-zone Class A or four-zone Class B speaker audio splitter. It enables a single supervised speaker audio output to control up to two Class A supervised speaker audio outputs or up to four Class B supervised speaker audio outputs.

Certifications and approvals

Cooper Wheelock, Inc. holds these Listings and Approvals:

Region	Certification	
USA	UL	UCST: Audible Signal Appliances, General Signal (UL464)
	CSFM	see our website

Installation/configuration notes

Compatibility Information

The splitter is compatible with the SP40/2 or SP40S, the SPB-80/4, the SPB-160, and the SPB-320.

Mounting Considerations

The splitter mounts inside the system enclosures as follows:

- One splitter mounts inside the SP40/2 or SP40S enclosure, connected to the backplane in the upper right-hand corner.
- One splitter mounts on an SPMB4Z Splitter Mounting Bracket, connected over the power supply inside the SPB-80/4 enclosure.
- Two splitters mount on an SPMB4Z Splitter Mounting Bracket, connected over the power supply inside the SPB-160 enclosure.
- Four splitters mount on two SPMB4Z Splitter Mounting Brackets, connected over the power supplies inside the SPB-320 enclosure.



Notice

When the SP4Z-A/B is mounted in an SP40/2 or SP40S enclosure, the four-wire mode cannot be used.

Wiring Considerations

The terminals accept wiring from 22 AWG to 12 AWG (ISO 0.34 mm² to 4 mm²).

**Notice**

A single splitter can be set for either Class A or Class B operation, but not both.

**Notice**

A UL Listed end-of-line resistor (10 kΩ, 0.5 W) must be placed on each unused zone to prevent an open trouble condition.

Parts included

Quant.	Component
1	Splitter
1	Hardware pack
1	Literature pack

Technical specifications

Electrical (Class A Circuit)

Current (alarm and standby):	15 mA at 24 VDC
Output Power (per zone):	40 W
Voltage (audio output):	24 VDC
Voltage (operating):	25.0 V or 70.7 V

Electrical (Class B Circuit)

Current (alarm and standby):	15 mA at 24 VDC
Output Power (per zone):	20 W
Voltage (audio output):	24 VDC
Voltage (operating):	25.0 V or 70.7 V

Trademarks

All hardware and software product names used in this document are likely to be registered trademarks and must be treated accordingly.

Ordering information

SP4Z-A/B Supervised Speaker Audio Splitter

A supervised two-zone Class A or four-zone Class B speaker audio splitter that enables a single supervised speaker audio output to control up to two Class A supervised speaker audio outputs or up to four Class B supervised speaker audio outputs.

Order number **SP4Z-A/B**

Accessories

SPMB4Z Speaker Splitter Mounting Bracket

Supports two audio splitters

Order number **SPMB4Z**

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