Description

The SPA-120 Station Port Adapter is used with MicroComm DXI and DXL intercom systems to connect an audio pair from a 300 or 400 series station card and convert it to a line level output signal. The line level output signal can then be used to drive a paging amplifier. An isolated open drain output is provided for use with 400 series station cards.

Features

- SPA-120 provides line level outputs for use with external paging amplifiers
- designed to be backboard mounted, fit into standard 3.25 inch snap in track or mounted on a Din-rail
- screw terminal connections
- open drain output transistor can be used to key amplifier circuit for 400 series station cards
- output transistor isolated from driving circuitry

Specifications

- Physical Form Factor: 3.25” x 3.25” 0.75” (8.3 mm x 8.3 mm x 2.0 mm)
- Environmental
  - Operating Temperature: -40 to 160 °F (-40 to +60 °C)
  - Storage Temperature: -67 to 185 °F (-55 to 85 °C)
  - Relative Humidity: 0 to 95% non-condensing
- Field Connections
  - Audio input: screw clamp terminals
  - Line level output: screw clamp terminals
- Audio Signal Levels for SPA-120-0
  - Audio Input: 25Vrms, 1 watt
  - Line level output: +4dBu (1.23Vrms)
  - output resistance < 50 Ohms
- Status Output
  - Open drain: 300mW max dissipation
  - Power supply connection: 3.3 to 24 V external supply (for use with 400 series cards only)
### Mechanical

**Ordering Information**

SPA-120