



LC41PI / LC48MPI

Description

The LC41PI and LC48MPI Power Injectors are an integral part of the LANcom SCS system. They provide operating voltage and current for the LC372SR Classroom Sound Reinforcement Module, LC331IC Integrated Communications Module and the LC311AIO Auxiliary Input-Output module.

The LC41PI 1-port power injector is a small *power block* that provides up to 1.35 amps of power for one LANcom SCS endpoint device.

The LC48MPI 8-port power injector is a 1RU rack mount unit that provides power for up to eight LANcom SCS endpoints. Each port can supply power to devices such as the LC372SR classroom sound reinforcement module with its 30 watt amplifier. Every port is fuse protected and all ports can provide up to 1.35 amps simultaneously. Includes eight 3' CAT6 patch cables.

Related Products

LC372SR	Classroom Sound Reinforcement Module
LC331IC-C	Integrated Communications Module (ceiling)
LC331IC-W	Integrated Communications Module (wall)
LC111AIO	LANcom Audio Input-Output Module

Features

- Provides 48VDC to Power LANcom SCS Endpoint Devices LC372SR, LC331IC, and LC311AIO
- LC41PI Powers One Endpoint Device
- LC48MPI Provides Power for Up To 8 Endpoint Devices
- Power is Sent to Devices Over Structured Cabling, CAT5e or Better
- Connects Between the Local Area Network Switch and the LANcom SCS Endpoint Device
- RJ45 Connectors for Data and Power connections
- LED Power Indicator for Each Port

Specifications

Electrical

Input Voltage	85VAC – 264VAC, 50Hz – 60Hz
Output Voltage	48VDC
Output Current (per port)	1.35A
Fuse (LC48MPI per port)	1.5A slow-blow

Mechanical

<i>LC41PI</i>	
Dimensions	3.5" W x 1.75" H x 6.375" D (88.9mm W x 44.5mm H x 161.9mm D)
<i>LC48MPI</i>	
Dimensions (with rack ears)	19" W x 1.75" H x 10.53" D (482.3mm W x 44.5mm H x 267.5mm D)
Width (without rack ears)	17.01" (431.8mm)

Architect & Engineering Specifications

IED LANcom SCS power injectors shall be models LC41PI, LC48MPI, or approved equal. Each Power Injector shall supply 48VDC, 1.35A operating power per port to intercom and sound reinforcement modules. The devices shall connect to standard network switches utilizing standard Ethernet-compatible Category 5e or better cabling. Model LC41PI shall power a single device and include overcurrent protection. Model LC48MPI shall power up to eight (8) devices and shall offer fuse protection on each output. LC48MPI shall include eight (8) 3'-long CAT6 patch cables. All other required interfaces, cabling, and 120VAC power shall be supplied by user as needed. Dimensions shall be 1.69" H x 3.5" W x 6.243" D for the LC41PI and 1.719" H x 18.923" W x 10.709" D for the LC48MPI.