

# Mini-Com® Power Connector Module

## specifications

The Mini-Com Power Connector Module shall be a screw-down type connector for copper conductors only, designed for use with 12–26 AWG two conductors cable consisting of (1) A-wire, and (1) B-wire. It shall be best to use cable recommended by the device manufacturer and follow their installation instructions. This connector module shall be Class 4 certified, and compatible with Class 4 power systems such as the Panduit Fault Managed Power System (FMPS).



## technical information

<b>AWG conductor:</b>	26 AWG min/12 AWG max
<b>Nominal current rating:</b>	10 A
<b>Contact resistance:</b>	≤5 mOhms
<b>Voltage rating:</b>	450 V max
<b>Electric shock protection to DIN VDE 0470:</b>	IP 20 (safe from finger touch)
<b>Stripping In. (mm):</b>	0.37" (9.55mm)
<b>Wire end ferrule, DIN 46 228/1:</b>	0.2mm <sup>2</sup> min/2.5mm <sup>2</sup> max
<b>Clamping screw:</b>	M 2.5
<b>Tightening torque:</b>	0.4 Nm min/0.5 Nm max
<b>Pitch In. (mm):</b>	0.2" (5.08mm)
<b>Colors:</b>	Connector (Plug and Socket) – Green Module – Black

## key features and benefits

<b>Modularity:</b>	Modules snap in and out of all Mini-Com consolidation point boxes, modular patch panels, and surface mount boxes for fast moves, adds, and changes
<b>Screw terminals:</b>	No punchdown tool required; terminates with screwdriver (SD 0.6 x 3.5 DIN 5264)
<b>Applications:</b>	Fault Managed Power (Class 4) installs Low voltage pass through (Class 2)
<b>Zone application:</b>	Provides a common demarcation point for Fault Managed Power (Class 4) and low voltage power (Class 2) for installations
<b>Connector (Plug and Socket):</b>	Ease of connection and disconnection of power gives the ability to segment networks

## applications

The Mini-Com Power Connector Module supports deployment of the Panduit Fault Managed Power System (Class 4) and low voltage system wiring within the IT network pathways. The module creates a demarcation point for the Class 2 or Class 4 power cabling to be “patched” along with other building networks (DAS, Ethernet, Video, Audio) within the Headend, MDF, or IDF closet from the Transmitter or Class 2 power source out to the endpoints. This allows for a smooth transition to Receivers or Class 2 powered devices as they are deployed. The Mini-Com Power Connector Module easily integrates with other Panduit offerings such as Class 4 cabling, jack modules, and copper and fiber cabling systems to leverage a common network infrastructure.

### Mini-Com Power Connector Module

**Green with black module:** PXM1ARGRBL

**Opticom® Patch Panel with Mini-Com Module (Recommended for Headend Patching)**

**Opti-com Patch Panel:** CFAPPBL1

**6-port module:** FMP6

**Panzone Consolidation Point Box**

**6-port:** CPB6BL

**12-port:** CPB12BL

**Mini-Com Surface Mount Box**

**4-port:** CBX4BL-AY

**6-port:** CBXF6BL-AY

**12-port:** CBXF6BL-AY

**Insulated Ferrules – Single Wire DIN End Sleeve**

**18 AWG:** FSD76-8-D

**16 AWG:** FSD78-6-D

**14 AWG:** FSD80-8-D

**12 AWG:** FSD81-10-D

**Ferrule Crimping Tools**

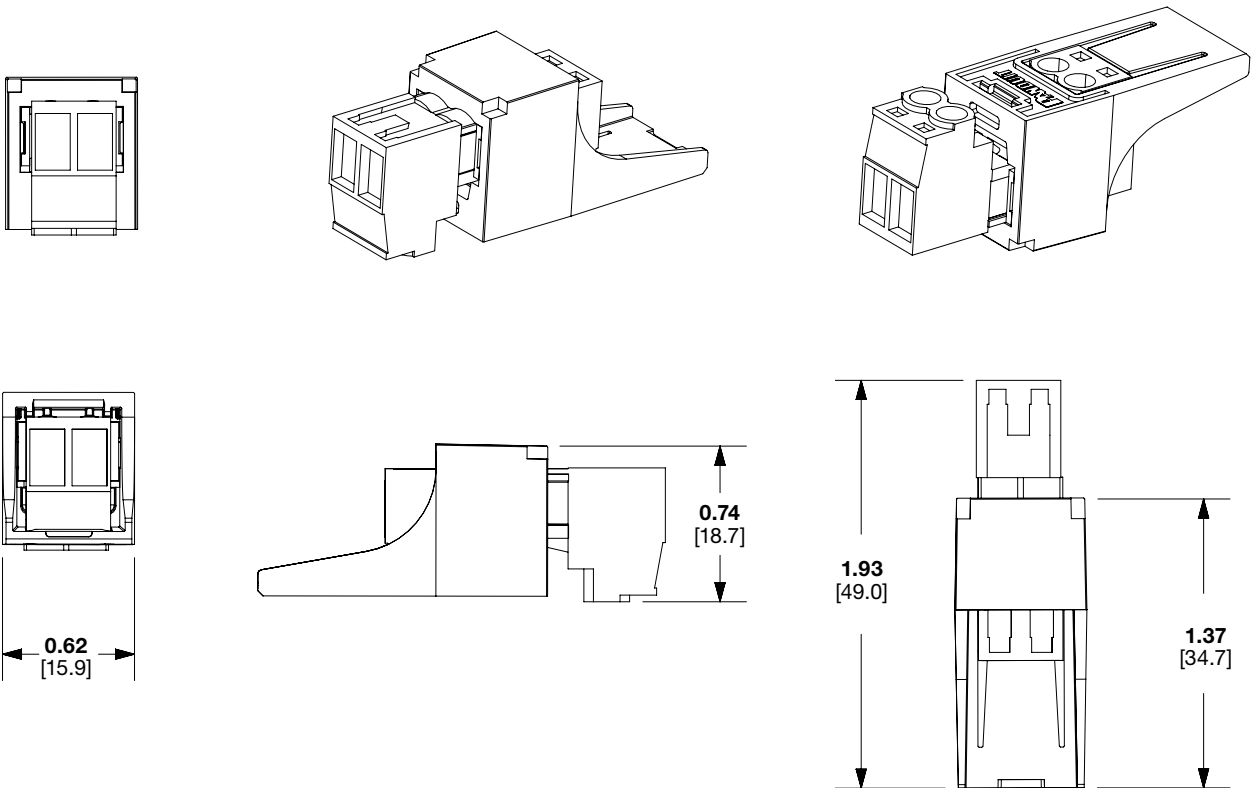
**Ferrule end sleeve:** CT-1123

# Mini-Com® Power Connector Module

## electrical performance

Parameters	Performance
Nominal Current Rating	10 A
Volume Resistance	≤5 mOhms
Voltage	450 V Max
Cable Gauge	12–26 AWG

## mini-com power connector module



Dimensions are in inches. [Dimensions in brackets are metric].

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