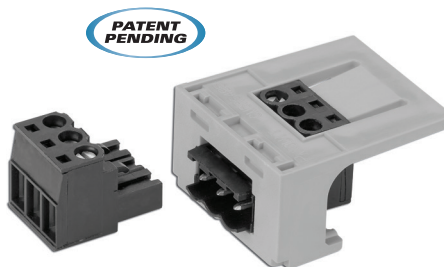


Mini-Com® BAS Connector Modules

specifications

Industry standard field bus connector shall terminate up to three 18 – 22 AWG connectors or shielded/unshielded cable and shall terminate with the use of a screwdriver. Connector shall mount in patch panels and/or wall plates. The plug end shall be removable from the socket module for disconnection, diagnostic, and termination purposes.



technical information

AWG conductor:	22 AWG min/18 AWG max
Nominal current rating:	10 A
Contact resistance:	4.5 mOhms
Voltage rating:	300 V max
Electric shock protection to DIN VDE 0470:	IP 20 (safe from finger touch)
Stripping:	7mm
Wire end ferrule, DIN 46 228/1:	.2mm ² min/2.5mm ² max
Clamping screw:	M 2.5
Tightening torque:	0.4 Nm min/0.5 Nm max
Pitch (mm/In.):	.20"/5.08mm
Colors:	Connector (Plug and Socket) – Black, Module – Orange, Black, Blue, Green, Red or Yellow

key features and benefits

Modularity	Dual module snaps in and out of all Panduit® Mini-Com® faceplates, modular patch panels, and surface mount boxes for fast moves, adds, and changes
Screw terminals	No punchdown tool required; terminates with screwdriver (SD 0.6 x 3.5 DIN 5264)
Applications	• LON • BACnet MSTP • Modbus* RTU • Low voltage pass through
Zone application	Provides a common demarcation point for BAS networks and low voltage power for building systems
Connector (Plug and Socket)	Ease of connection and disconnection of power gives the ability to segment networks

applications

The Mini-Com® BAS Connector Module supports deployment of field bus networks and low voltage system wiring within the IT network pathways. The module creates a demarcation point for the field bus cabling to be “patched” along with other building networks (Ethernet, Video, Audio) within the zone enclosure from the controller out to the

endpoints. This allows for a smooth transition to IP Enabled devices as they are deployed. The Mini-Com® BAS Connector Module easily integrates with other Panduit offerings such as zone cabling, DPoE™, jack modules and copper/fiber cabling systems to leverage a common network infrastructure.

*Modbus is a registered trademark of Modbus Organization, Inc.

Mini-Com® BAS Connector Module

Orange module:	CMBRS485OR
Black module:	CMBRS485BL
Blue module:	CMBRS485BU
Green module:	CMBRS485GR
Red module:	CMBRS485RD
Yellow module:	CMBRS485YL

PanZone® Active Zone Cabling Box

In-ceiling:	PZICEA
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Mini-Com® Modular Faceplate Patch Panel with Labels

24 port:	CPPL24WBLY
48 port:	CPPL48WBLY

Insulated Ferrules – Single Wire DIN End Sleeve

22 AWG white:	FSD75-6-D
20 AWG gray:	FSD76-6-D
18 AWG red:	FSD77-6-D

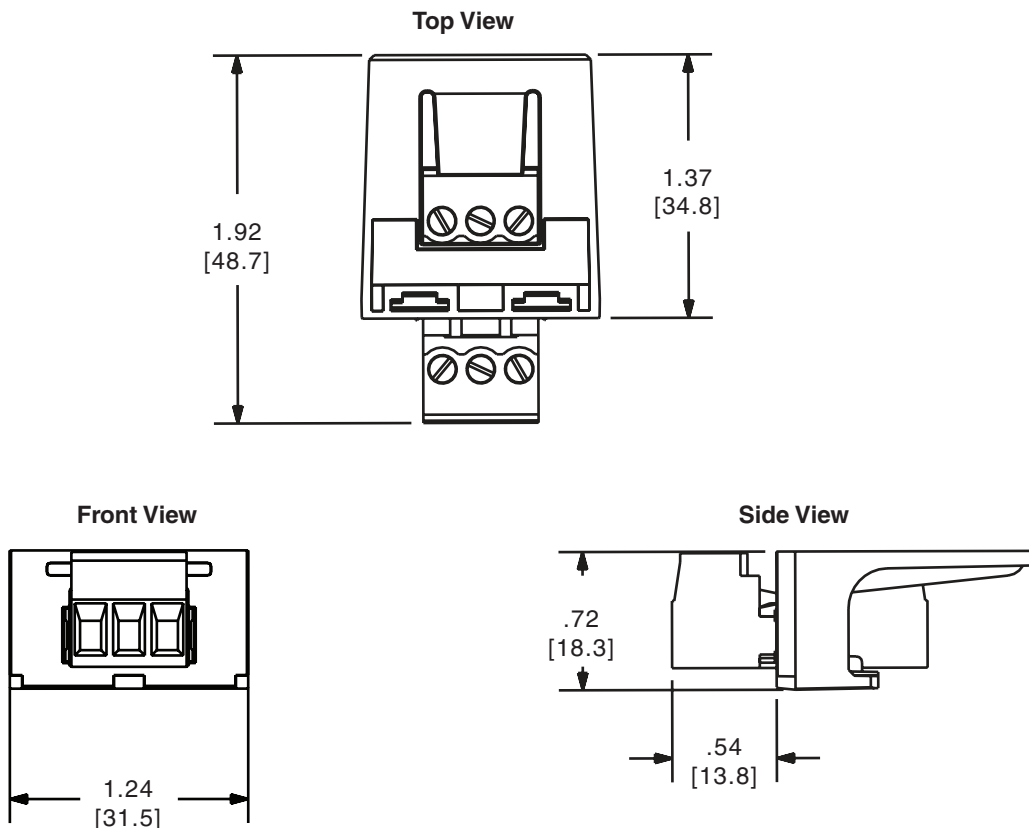
Ferrule Crimping Tools

Ferrule end sleeve:	CT-1123
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Mini-Com® BAS Connector Module

Mini-Com® BAS Connector Module

Electrical Performance	
Parameters	Performance
Nominal Current Rating	10 A
Volume Resistance	4.5 mOhms
Voltage	300 V Max
Cable Gauge	18 – 22 AWG



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

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