

Solutions for Electronic Specialty Markets (ESM)

Product Catalog for Electronic Specialty Markets

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[Printer-friendly format](#) **3M™ Scotchlok™ Vinyl Insulated Butted Seam Butt Connector MVU18BCK, 22-18 AWG**

This connector has a wire range of 22-18 AWG and a case quantity of 1000.

GTIN(UPC/EAN) : 0 00 54007 01315 0
3M Id : 80-6100-3935-8

Additional Information

This butt connector uses chamfered barrel ends to provide fast easy wire insertion from both ends and a built in wire stop for correct positioning. It must be crimped at ends.

Learn More . . .

[Packaging Data](#)

[3M™ Scotchlok™ Terminals MVU18BC, MVU14BC, MVU10BC - Data Sheet \(PDF 136.1 K\)](#)

[Butt Connectors - Vinyl Insulated Butted Seam - Product Selection Guide \(PDF 12.5 K\)](#)

[Recommended Stranded Wire Combinations - Product Selection Guide \(PDF 5.7 K\)](#)

[Scotchlok Connectors MVU18PC, MVU14PC, MVU10PC - Data Sheet \(PDF 13.9 K\)](#)

[Terminal Stud Size Chart - Product Selection Guide \(PDF 5.2 K\)](#)

Please Note:

Adobe® Acrobat® Reader is required to view PDF documents.



Characteristics

Agency Approvals	UL and CSA
Barrel Style	Butted
China RoHS - Below MCV	No
CSA File Number	LR22190
EU RoHS Compliant	No
Insulation Material	Vinyl

Other Tools

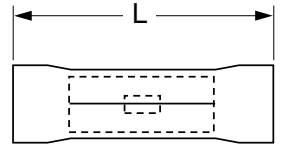
- What's New
- Sales Contacts
- U.S. Distributors

Terminal Style	Standard
Terminal Type	Butt
UL File Number	E23438
Wire Gauge Range	18 to 22 American Wire Gauge (AWG)



Scotchlok™ Terminals

MVU18BC, MVU14BC, MVU10BC
Butt Connector, Vinyl Insulated, Butted Seam



Data Sheet

Product Number	Wire Range (AWG)	L	Thickness	Barrel Length	Barrel I.D.	Maximum Insulation Diameter
MVU18BC	22-18	1.00	0.030	0.25	0.070	0.145
MVU14BC	16-14	1.00	0.030	0.25	0.090	0.170
MVU10BC	12-10	1.02	0.040	0.25	0.135	0.250



UNDERWRITERS
LABORATORIES
STANDARD NO. UL 486C
3M FILE NO. E23438



CANADIAN STANDARDS
ASSOCIATION
STANDARD NO. 22.2
NO. 0, 65
3M FILE NO. LR22190

Installation Information

⚠ WARNING

Turn power off before installing or removing terminal. All electrical work should be done according to appropriate electrical codes.

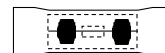
UL Listed and CSA Certified for use on stranded copper (AWG) wire only.


Strip away the end 5/16 inch of wire insulation.

Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style) or TR-490 (ratchet style) hand tools.

Specifications

Wire Size:	See Table Above
Barrel Seam:	Butted
Insulator Max. Volt Rating:	600 V Building Wire: 1000 V Signs or Fixtures (Luminaires)
Maximum Operating Temp.:	221°F (105°C)
Maximum Current:	Same as Wire
Insulator Material:	Vinyl
Terminal Material:	ETP Copper
Terminal Plating:	Tin



 Barrel Crimp (Required)

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