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 [Printer-friendly format](#) **3M™ Scotchlok™ Vinyl Insulated Butted Seam Butt Connector MVU14BCK, 16-14 AWG**

This connector has a wire range of 16-14 AWG and a case quantity of 1000. 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.

GTIN(UPC/EAN) : 0 00 54007 01820 9  
3M Id : 80-6100-4728-6

**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.



◦ **Other Tools**

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

**Characteristics**

<b>Agency Approvals</b>	UL and CSA
<b>Barrel Style</b>	Butted
<b>China RoHS - Below MCV</b>	No
<b>CSA File Number</b>	LR22190
<b>EU RoHS Compliant</b>	No

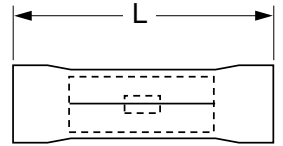
<b>Insulation Material</b>	Vinyl
<b>Terminal Style</b>	Standard
<b>Terminal Type</b>	Butt
<b>UL File Number</b>	E23438
<b>Wire Gauge Range</b>	14 to 16 American Wire Gauge (AWG)

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# 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.

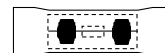
UL Listed and CSA Certified for use on stranded copper (AWG) wire only.


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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