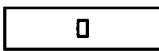
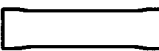


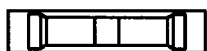
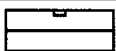



3M Scotchlok™ Terminal Selector



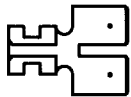


These products are available in both boxed (X) and bulk (K) packaging. Add the appropriate suffix when ordering. For a complete listing of terminals, see the "3M Scotchlok™ Terminal & Tools" catalog.

Butt Connectors except MNG18BCM, MNG14BCM and MNG10BCM

Wire Range	 Non-Insulated	 Vinyl Insulated	 Nylon Insulated with Insulation Grip	 Nylon Insulated	 Moisture Resistant Nylon Insulated with Insulation Grip	 High Temperature
22-18	M18BC	MV18BC	MNG18BC	MN18BC	MNG18BCM	MU18BCHT
16-14	M14BC	MV14BC	MNG14BC	MN14BC	MNG14BCM	MU14BCHT
12-10	M10BC	MV10BC	MNG10BC	MN10BC	MNG10BCM	MU10BCHT
8	M8BC	MV8BC				
6	M6BC	MV6BC				
4	M4BC					





Parallel Connector

Wire Range	 Vinyl Insulated
16-14	MVU14PC
12-10	MVU10PC

Male/Male/Female/Adapter  		Male/Female/Male/Adapter				Male/Male/Fully Insulated Disconnect		
								
Mating Tab Female/Male		Mating Tab Female/Male			Mating Tab			Vinyl Insulated
Width	Thick.	Width	Thick.		Width	Thick.		
.250"	.032"	.250"	.032"	MA250DMFM	.250"	.032"		MVA250DMMI





3M™ Terminals & Tools

Insulated Disconnects except MVU14-110DFX and MNG14-110DFX

Wire Range	Mating Tab					
	Width	Thickness	Female Vinyl Insulated	Male Vinyl Insulated	Female Nylon Insulated with Insulation Grip	Male Nylon Insulated with Insulation Grip
22-18	.250"	.032"	MVU18-250DF	MVU18-250DM	MNG18-250DF	MNG18-250DM
16-14	.110" .187" .250"	.020" .020" .032"	MVU14-110DF MVU14-187DF MVU14-250DF	MVU14-187DM MVU14-250DM	MNG14-110DF MNG14-187DF MNG14-250DF	MNG14-187DM MNG14-250DM
12-10	.250"	.032"	MVU10-250DF	MVU10-250DM	MNG10-250DF	MNG10-250DM




Non-Insulated Disconnects except MU14-110DFX

Non-Insulated Female Flag Disconnects

Wire Range	Mating Tab				Wire Range	Mating Tab		 1  2 UL/CSA
	Width	Thick.	Female Non-Insulated	Male Non-Insulated		Width	Thick.	
22-18	.250"	.032"	MU18-250DF		22-18	.187" .250"	.020" .032"	MU18-187DF/FLAG 1 MU18-250DF/FLAG 2
16-14	.110" .187" .250"	.020 .020 .032	MU14-110DF MU14-187DF MU14-250DF	MU14-250DM	16-14	.187" .250"	.020" .032"	MU14-187DF/FLAG 1 MU14-250DF/FLAG 2
12-10	.250"	.032"	MU10-250DF	MU10-250DM				


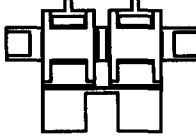

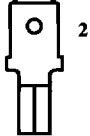
Multi-Stack Disconnects

Disconnects — Bullet and Receptacle

Wire Range	Width	Thick.		Wire Range	Snap Diameter		
			Vinyl Insulated			Vinyl Insulated	Nylon Insulated with Insulation Grip
22-18	.250"	.032"	MVU18-250DMF				
16-14	.250"	.032"	MVU14-250DMF	16-14	.156" .180"	MVU14-156DM MVU14-180DM	MNG14-156DFI MNG14-180DFI

Self-Stripping Disconnects




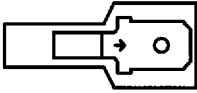
High-Temperature Disconnects

Wire Range	Mates with Male Tab					
	Width	Thickness	T-Tap Nylon Insulated UL/CSA	Fuse Holder Polypropylene	Female	Male
22-18	.250"	.032"	951		MU14-250DFHT 1	
16-14	.250"	.032"	52	972*	MU14-250DMHT 2	
12	.250"	.032"	953			

*Mating Fuse Tabs .025" Thick, .21" Wide, Separated .16"


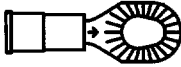
3M™ Terminals & Tools

Fully Insulated Disconnects


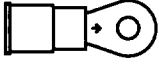

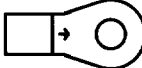
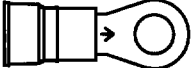
Wire Range	Mating Tab		 Female Nylon Insulated	 Male Nylon Insulated	 Female Nylon Insulated with Insulated Grip	 Male Nylon Insulated with Insulated Grip
	Width	Thickness				
22-18	.187" .250"	.020" .032"	MNU18-187DFI MNU18-250DFI	MNU18-187DMI MNU18-250DMI	MNG18-187DFI MNG18-250DFI	MNG18-187DMI MNG18-250DMI
16-14	.187" .250"	.020" .032"	MNU14-187DFI MNU14-250DFI	MNU14-187DMI MNU14-250DMI	MNG14-187DFI MNG14-250DFI	MNG14-187DMI MNG14-250DMI
12-10	.250"	.032"	MNU10-250DFI	MNU10-250DMI	MNG10-250DFI	MNG10-250DMI

High-Temperature Ring Tongue

Multi-Stud Ring Tongue





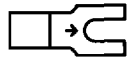





Wire Range	Stud Size	 Non-Insulated	Temperature Rating: 900°F (482°C) Continuous	Wire Range	Stud Size	 Vinyl Insulated
16-14	6 10 1/4"	MU14-6RHT/S MU14-10RHT MU14-14RHT	16-14	6-8-10	MV14-610R	
12-10	10	MU10-10RHT	12-10	6-8-10	MV10-610R	






Ring Tongue

Wire Range	Stud Size	 Non-Insulated	 Vinyl Insulated	 Nylon Insulated with Insulation Grip	Wire Range	Stud Size	 Non-Insulated	 Nylon Insulated
16-14	4 6 8 10 1/4" 5/16" 3/8"	M14-4R/S M14-6R/S M14-8R/L M14-10R/L M14-14R/S M14-516R/S M14-38R*	MV14-4R/S MV14-6R/S MV14-8R/L V14-10R/L MV14-14R/S MV14-516R/S MV14-38R	MNG14-4R/S MNG14-6R/S MNG14-8R/L MNG14-10R/L MNG14-14R/S MNG14-516R/S MNG14-38R	6	10 1/4" 5/16" 3/8"	M6-10R/S M6-14R/S M6-516R M6-38R	MN6-14R/S
12-10	6 8 10 1/4" 5/16" 3/8" 1/2"	M10-6R M10-8R M10-10R M10-14R/S M10-516R/S M10-38R/S	MV10-6R MV10-8R MV10-10R MV10-14R/S MV10-516R/S MV10-38R/S MV10-12R	MNG10-6R MNG10-8R MNG10-10R MNG10-14R/S MNG10-516R/S MNG10-38R/S	4	10 1/4" 5/16" 3/8"	M4-10R M4-14R M4-516R M4-38R	

* Available only in boxed packaging.

3M™ Terminals & Tools

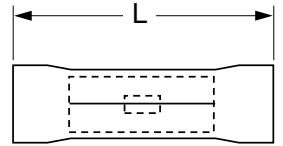
Block Forks  					Forks  				
Wire Range	Stud Size				Wire Range	Stud Size			
		Non-Insulated	Vinyl Insulated	Nylon Insulated w/ Insulation Grip			Non-Insulated	Vinyl Insulated	Nylon Insulated w/ Insulation Grip
22-18	6 8 10	M18-6FB M18-8FB M18-10FB	MV18-6FB MV18-8FB MV18-10FB	MNG18-6FB MNG18-8FB MNG18-10FB	22-18	6 8 10	M18-6F M18-8F M18-10F	MV18-6F MV18-8F MV18-10F	MNG18-6F MNG18-8F
16-14	6 8 10	M14-6FB M14-8FB M14-10FB	MV14-6FB MV14-8FB MV14-10FB	MNG14-6FB MNG14-8FB MNG14-10FB	16-14	6 8 10	M14-6F M14-8F M14-10F	MV14-6F MV14-8F MV14-10F	MNG14-6F MNG14-8F MNG14-10F
12-10	6 8 10	M10-8FB M10-10FB	MV10-6FB MV10-8FB MV10-10FB	MNG10-6FB MNG10-8FB MNG10-10FB	12-10	6 8 10	M10-8F M10-10F	MV10-6F MV10-8F MV10-10F	MNG10-8F MNG10-10F

Locking Forks  				
Wire Range	Stud Size			
		Non-Insulated (Braze Seam)	Vinyl Insulated (Braze Seam)	Nylon Insulated with Insulation Grip
22-18	4 6 8 10	M18-6FL M18-8FL M18-10FL	MV18-4FL MV18-6FL MV18-8FL MV18-10FL	MNG18-4FL MNG18-6FL MNG18-8FL MNG18-10FL
16-14	4 6 8 10 1/4"	M14-6FL M14-8FL M14-10FL M14-14FL	MV14-4FL MV14-6FL MV14-8FL MV14-10FL MV14-14FL	MNG14-4FL MNG14-6FL MNG14-8FL MNG14-10FL MNG14-14FL
12-10	6 8 10 1/4"	M10-6FL M10-8FL M10-10FL M10-14FL	MV10-6FL MV10-8FL MV10-10FL MV10-14FL	MNG10-6FL MNG10-8FL MNG10-10FL MNG10-14FL



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.

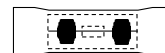
Make the crimp in the proper station of a recommended 3M crimp tool: TH-440, TH-450 (scissor style) or TR-490 (ratchet style) hand tools.


Specifications

Wire Size:
Barrel Seam:
Insulator Max. Volt Rating:

Maximum Operating Temp.:
Maximum Current:
Insulator Material:
Terminal Material:
Terminal Plating:

See Table Above
Butted
600 V Building Wire:
1000 V Signs or
Fixtures (Luminaires)
221°F (105°C)
Same as Wire
Vinyl
ETP Copper
Tin



 Barrel Crimp (Required)

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