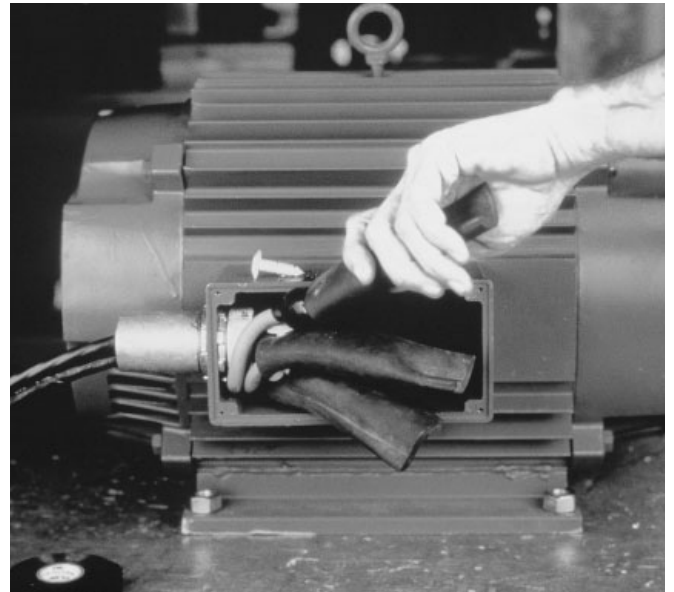


# 3M Motor Lead Connections

3M provides a convenient kit with everything needed to quickly make lugged motor lead connections to feeder cables. Each kit makes three splices and is designed exclusively for the abrasion, moisture, grime and temperature extremes of the industrial environment.

3M™ motor lead connectors meet requirements for CSA certification and NRTL certification.\*



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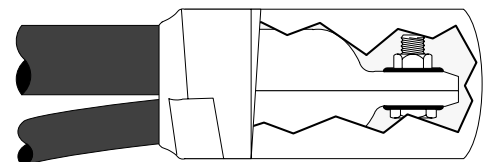


**Single Conductor Cable**

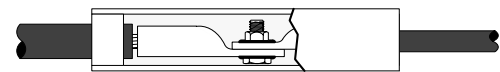
## 3M Nonshielded Cable Motor Lead Connections—Pigtail and Inline for 1 kV

3M motor lead pigtail connections (**5300 through 5304, copper 1 hole lugs only**) and inline splices (**5311 through 5314**) are designed to splice **1000V** or less, nonshielded feeder and motor lead cable. The splices are made with a slip-on lug cover made of EPDM rubber. Each kit makes three splices.

\*NRTL = CSA approved for use in the United States.



**5300 Pigtail**



**5311 Inline**

## Specifications and Ordering Information for 1 kV 3M Motor Lead Connections

Product Number	5300	5301	5302	5303	5304	5311	5312	5313	5314
<b>Cable Type</b>	Single Conductor Cable See above for cable type illustration.								
	Each kit makes three splices								
	<b>Pigtail</b>					<b>Inline</b>			
<b>Kit contents:</b>									
Pigtail-Lug Covers	•	•	•	•	•	—	—	—	—
Inline-Splice Covers	—	—	—	—	—	•	•	•	•
Locking Pins	—	—	•	•	•	—	—	—	—
Mastic Sealing Strips	•	•	•	•	•	—	—	—	—
Silicone Grease Lubricant	•	•	•	•	•	•	•	•	•
Adapter Sleeves	—	—	—	—	—	•	•	•	•
Instructions	•	•	•	•	•	•	•	•	•
<b>Specifications:</b>									
Suggested Lug	Copper 1-hole	Copper 1-hole	Copper 1-hole	Copper 1-hole	Copper 1-hole	Copper 1-hole	Copper 1-hole	Copper 1-hole	Copper 1-hole
Feeder	14-10 AWG (2,5-4 mm <sup>2</sup> )	10-4AWG (6-16 mm <sup>2</sup> )	2-1/0 AWG (35-50 mm <sup>2</sup> )	1/0 AWG- 250 kcmil (60-120 mm <sup>2</sup> )	250-500 kcmil (150-240 mm <sup>2</sup> )	10-4 AWG (6-16 mm <sup>2</sup> )	2-1/0 AWG (35-50 mm <sup>2</sup> )	1/0 AWG- 250 kcmil (60-120 mm <sup>2</sup> )	250-500 kcmil (150-240 mm <sup>2</sup> )
Motor Lead	16-12 AWG (1,5-2,5 mm <sup>2</sup> )	12-4 AWG (4-16 mm <sup>2</sup> )	4-1/0 AWG (25-50 mm <sup>2</sup> )	2 AWG- 250 kcmil (35-120 mm <sup>2</sup> )	4/0 AWG- 500 kcmil (120-240 mm <sup>2</sup> )	12-4 AW (4-16 mm <sup>2</sup> )	4-1/0 AWG (25-50 mm <sup>2</sup> )	2 AWG- 250 kcmil (35-120 mm <sup>2</sup> )	4/0 AWG- 500 kcmil (120-240 mm <sup>2</sup> )
CSA File #LR 77372-2	SP	SP	SP	SP	SP	SP	SP	SP	SP
<b>Ordering Information</b>									
UPC (054007-)	08317	12263	12264	12265	12266	12267	12268	12269	12270
Case Qty. (3 splices/kit)	1 kit	1 kit	1 kit	1 kit	1 kit	1 kit	1 kit	1 kit	1 kit

**Note:** Lugs not included in kits.

