

3M Motor Lead Splice Kits Are Available for 8kV Motors; Boot Is Removable and Reusable

A 3M motor lead pigtail splice kit that has a removable and reusable boot is one of the latest innovations from 3M. Used in splicing motor lead cables to incoming feeder cables, this new boot fits cables for motors up to 8kV.

The 3M motor lead pigtail splice kit series 5380 is cold applied and slips on easily without heat or force. Heat shrink is used in many current applications, which means a torch has to be used and a knife is necessary to remove it so it is not reusable and the cable may be nicked in the process.

This splice kit includes a cover that is made with abrasion-resistant EPDM rubber as a slip-on insulator, which minimizes wear caused by vibration. Mastic is used for the moisture seal. The kits utilize a high dielectric constant (K) stress control termination for the feeder cable's electrical stress control.

There are four new kits in the 3M motor lead pigtail splicing kit series 5380, which cover feeder cable sizes from 8 AWG to 500 kcmil and motor leads from 10 AWG to 500 kcmil. Each kit contains all the necessary materials - except lugs - to make three splices.

For more information about the 3M motor lead pigtail splicing kit series 5380, contact the 3M Electrical Markets Division, Building A130-4N-40, 6801 River Place Blvd., Austin, TX, 78726-9000, USA, or call (800) 245-3573. For more information about 3M electrical products, go to www.3M.com/electrical.

The 3M Electrical Markets Division, based in Austin, Texas, designs, manufactures and markets products for electrical construction, industrial maintenance, utility and industrial power businesses, and electrical/electronic devices produced by original equipment manufacturers. Division products include electrical and electronic specialty insulating tapes; power cable splices and terminations, including cold and heat shrink technologies; cable arc and fire resistant tapes; heat shrinkable tubing and molded shapes for electrical insulation; electrical wire connectors; wire terminals, tools and lugs; wire marking products; cable ties; underground/underwater electrical system products; and electrical diagnostic and detection products.

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