

Technical Data Sheet & Installation Instructions for 4041-8200 Electrical End Termination Kit for Self-Regulating Bundles

Bulletin ES-II

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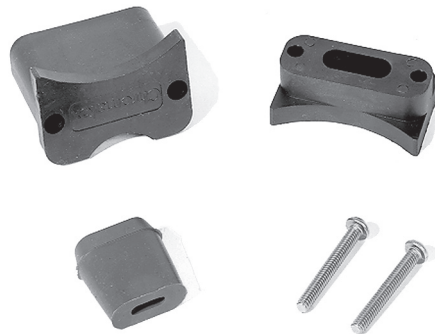
4041-8200 Electrical End Termination Kit for Self-Regulating Bundles

Scope

Parker electrical end termination kit (4041-8200) is designed to provide a method of terminating the non-powered end of the heating cable.

Also in the kit but not shown:

- (1) Caution label:
- (1) Roll glass tape
- (1) End cap
- (1) Pressure plate
- (1) GRSR self-regulating cable sealing grommet
- (1) GRCW constant wattage cable sealing grommet
- (2) Screws
- (1) 4041-8200 Installation Instructions



Approvals

FM - Factory Mutual Approved

- Ordinary Locations
- UL Listed
- Hazardous (Classified) Locations
- Class I, Division 2, Groups B, C and D
- Class II, Division 2, Groups F and G
- Class III, Division 2



CSA Certified for use in ordinary areas and:

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G

Installation Instructions for 4041-8200 Electrical End Termination Kit for Self-Regulating Bundles

NOTE

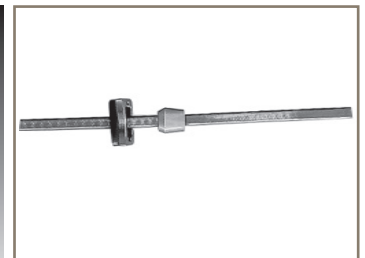
If bundle end will be sealed with a heat shrinkable boot, install boot prior to installing termination kit.

1



Push the braid back 3" to expose the base cable insulation.

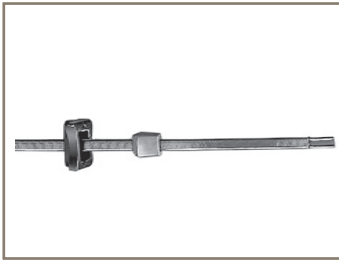
2



Slide the pressure plate and grommet over the end of the cable.

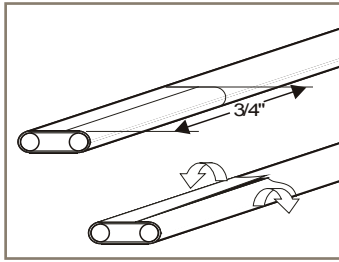
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3



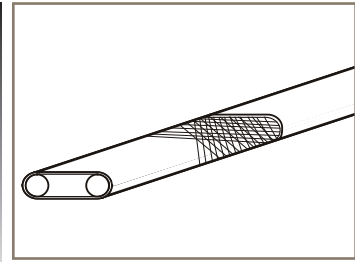
Score the outer jacket 1" from the end of the cable. Remove the jacket to expose the braid. Unravel and trim the braid flush with the outer jacket. Pull any strands of braid back towards the outer jacket.

4



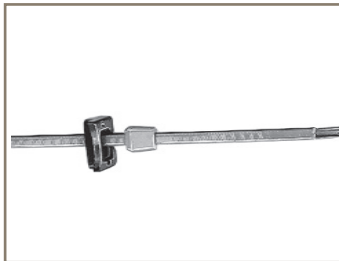
Lightly score outer jacket 3/4" from end of heating cable. Bend heating cable to break jacket at score and peel off outer jacket.

5



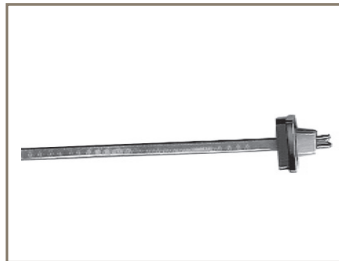
Remove exposed braid.

6



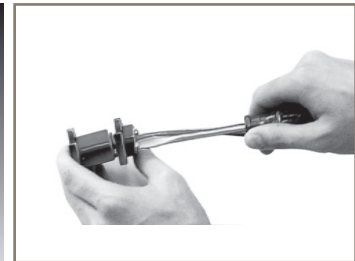
Using standard electrical cutters, cut a "VEE" notch between the buss wires.

7



Slide the pressure plate and grommet towards the end of the cable leaving 5/8" of the cable extending past the end of the grommet.

8



Slide the end cap over the grommet. Using a screwdriver, connect the pressure plate to the end cap.

9



Using a fastening device, fiber reinforced electrical tape, secure the assembly to the bundle. Wrap the tape around the assembly between the legs.

NOTE

The pressure plate and end cap have different size curved surfaces on the top and bottom of each piece. These curved surfaces are designed to give a better fit on process equipment. The side with the smaller radius curve is for use on pipes with diameters up to 3" or on flat surfaces. The other side is for use on pipes with diameters of 3" or more.

⚠ WARNING – USER RESPONSIBILITY

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