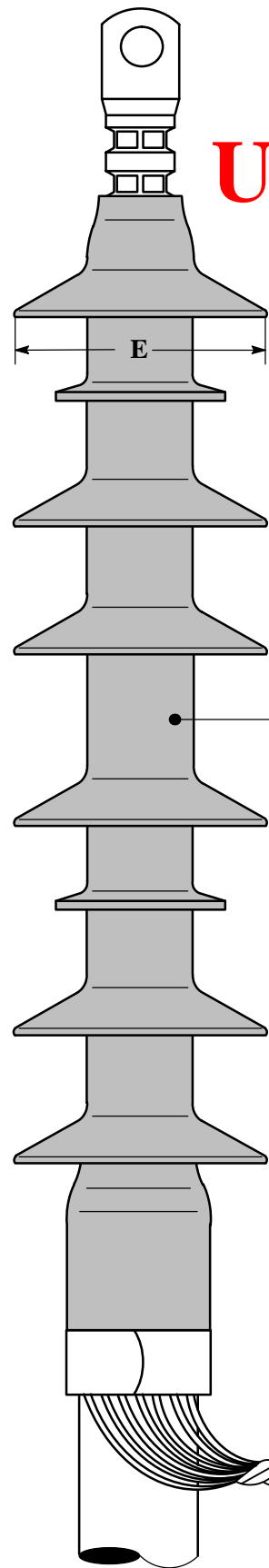


3M PST QT III Termination Body

Fig. 4

- 4.1 Remove the red shipping core.
- 4.2 Slide the QT III termination body into position. Remove the collapsible zip core by unwinding it in counter clockwise direction. Start to shrink at the constant force spring.



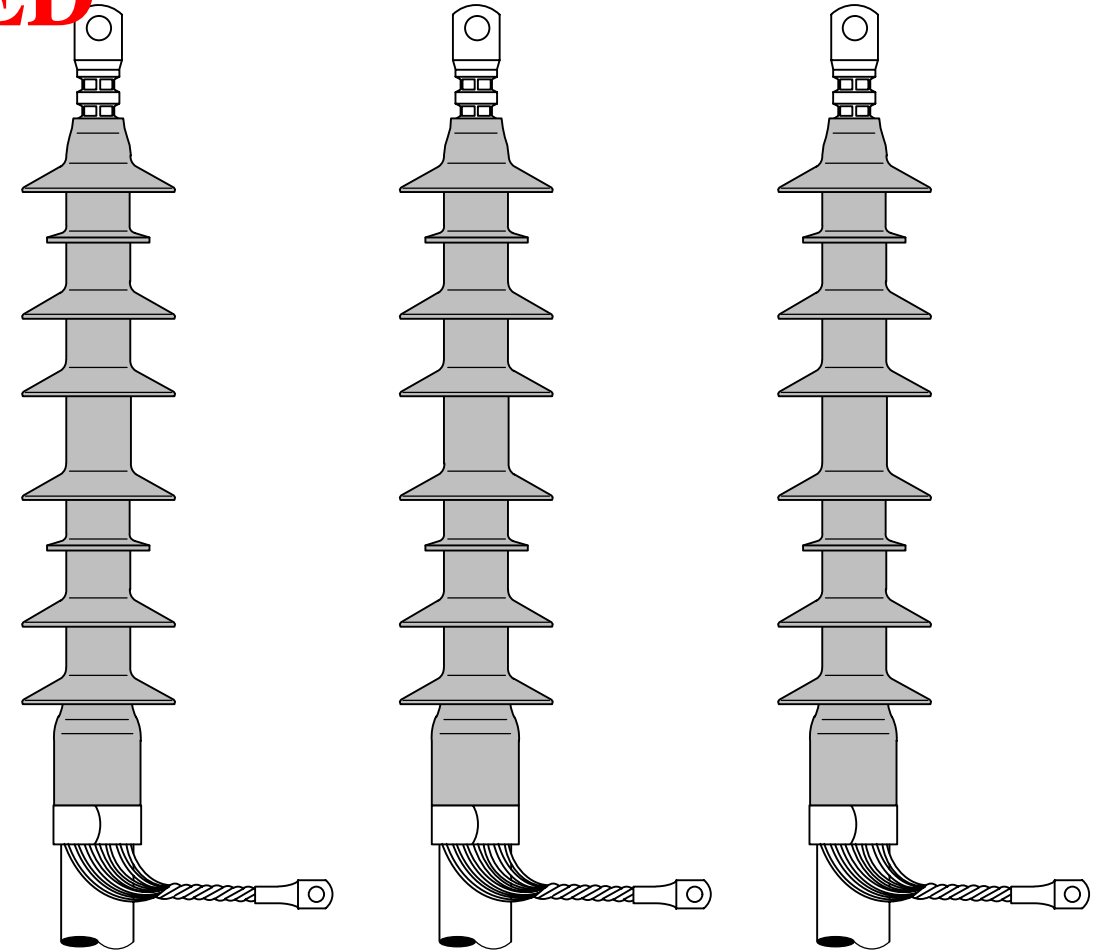
3M PST QT III Termination Body

Fig. 5

- 5.1 Twist the screening wires and attach a lug.

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3M QUICK TERM III



Selection Table				
Kit no	94-EP610-2	94-EP620-2	94-EP630-2	94-EP640-2
Product no	R-8S	S-8S	T-8S	U-8S
Cross Section (mm ²)	25 – 120	70 – 240	95 – 400	400 – 630
Diameter over Prim. Insulation D (mm)	18,3 – 32,8	21,1 – 38,9	26,7 – 45,7	38,9 – 58,9
Diameter over Cable Jacket K (mm)	26,3 – 40,7	28,4 – 47,5	35,3 – 61,0	46,8 – 71,1

3M Laboratories (Europe) Branch of 3M Deutschland GmbH	ISSUE: 2	ISSUE DATE: 19.01.2001												
ALL STATEMENTS, TECHNICAL INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE BASED ON TESTS WE BELIEVE TO BE RELIABLE HOWEVER, SINCE THE CONDITION OF USE AND THE APPLICATION ARE BEYOND OUR CONTROL THE PURCHASER IS RESPONSIBLE FOR THE PERFORMANCE OF THE SPLICES AND TERMINATIONS MADE IN CONNECTION WITH THE USE OF DATA OR SUGGESTIONS HEREIN.	3M Quick Term. III Cold Shrink Termination for Outdoor Application 94-EP610-2 up to 94-EP640-2 for single core polymeric insulated copper wire screened cables acc to (IEC 502-1) 19/33 kV													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">DES. ENG.: W. Röhling</td> <td style="width: 50%;">1. ISSUE DATE: 20.01.98</td> </tr> <tr> <td>MOD. ENG.: A. Kis</td> <td>1. CHANGE DATE: 19.01.01</td> </tr> <tr> <td>DRAWN: M. Hubrich</td> <td>2. CHANGE DATE:</td> </tr> <tr> <td>CHECKED: W. Röhling</td> <td>3. CHANGE DATE:</td> </tr> <tr> <td>RELEASED: A. Koch-Binzer</td> <td>4. CHANGE DATE:</td> </tr> </table>	DES. ENG.: W. Röhling	1. ISSUE DATE: 20.01.98	MOD. ENG.: A. Kis	1. CHANGE DATE: 19.01.01	DRAWN: M. Hubrich	2. CHANGE DATE:	CHECKED: W. Röhling	3. CHANGE DATE:	RELEASED: A. Koch-Binzer	4. CHANGE DATE:	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ID-0259-2490-6</td> <td style="width: 50%;"></td> </tr> </table>		ID-0259-2490-6	
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3M ELECTRICAL PRODUCTS	XE 0091-2490-2													

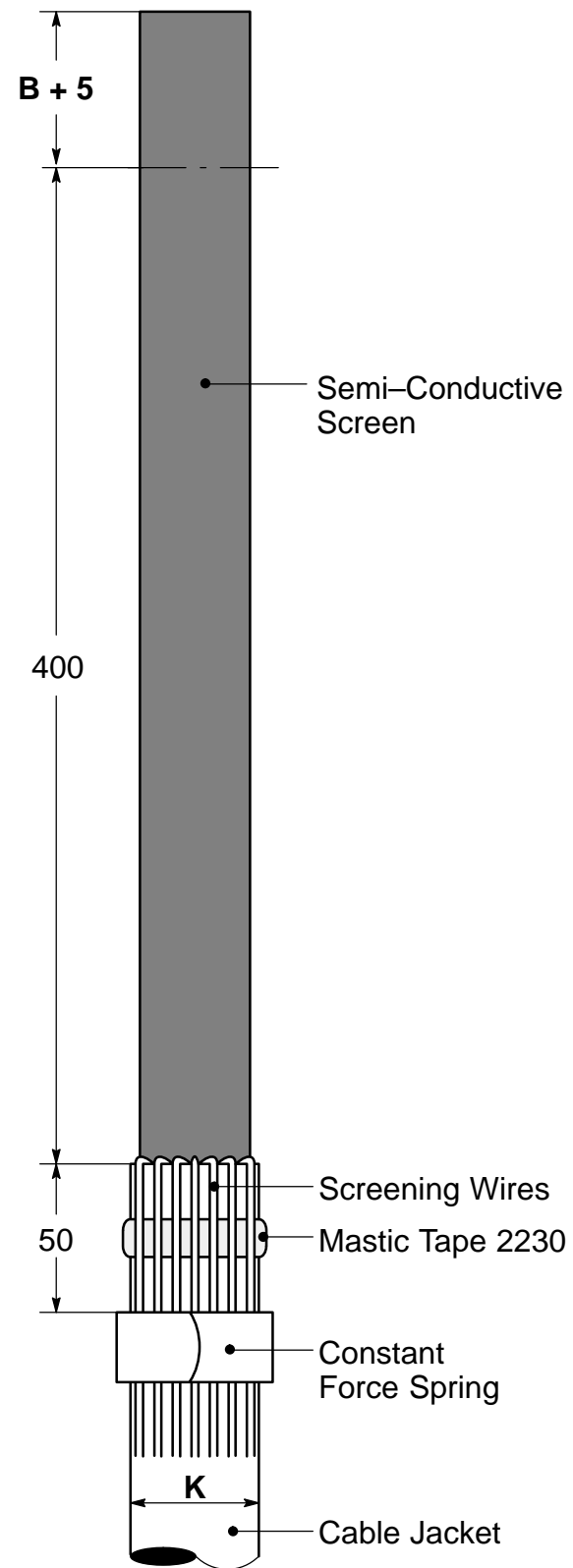


Fig. 1

- 1.1 Remove the cable jacket according to length $400 \text{ mm} + B + 5 \text{ mm}$.
 B = Internal depth of lug barrel.
- 1.2 Apply a seal with Mastic tape 2230 over the cable jacket.
- 1.3 Bend the screening wires back over the seal and the cable jacket and fix them with the constant force spring.

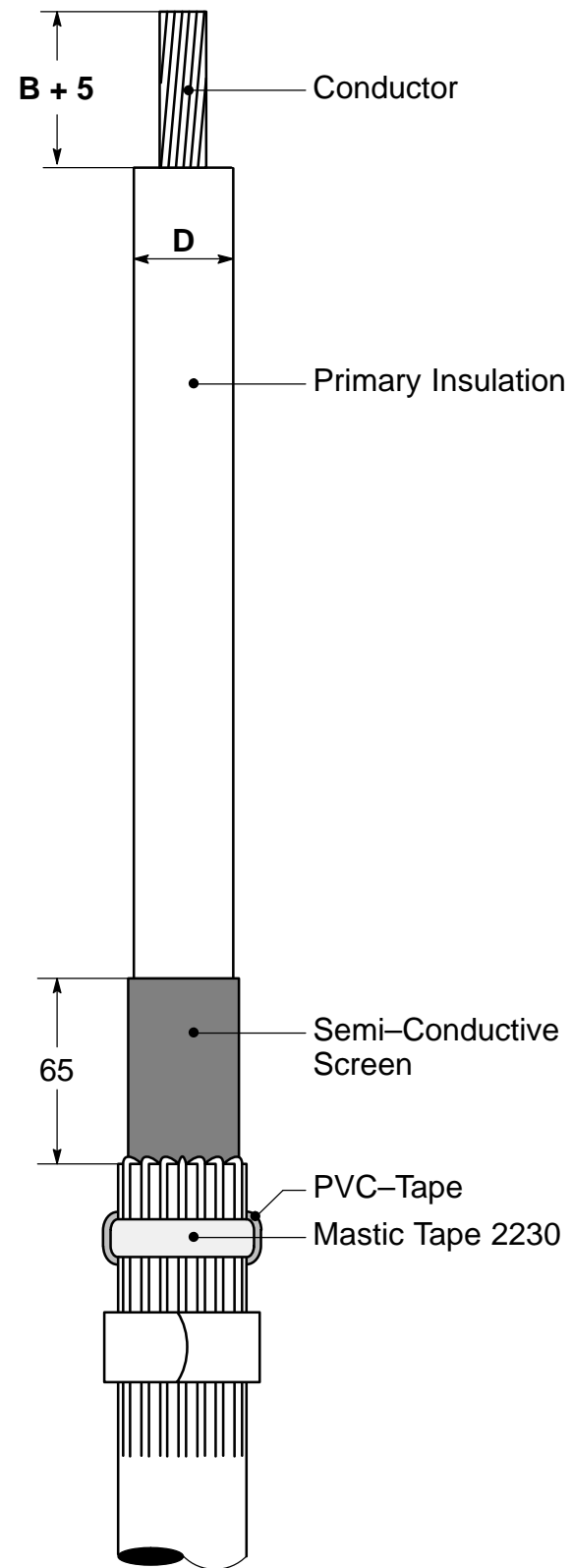


Fig. 2

- 2.1 Apply a second seal over the copper wires.
- 2.2 Cover the seal with 2 layers of PVC tape.
- 2.3 Remove the semi-con outer cable screen leaving 65 mm in front of the cable jacket.
- 2.4 Remove the primary insulation acc to dimension $B + 5$ mm.

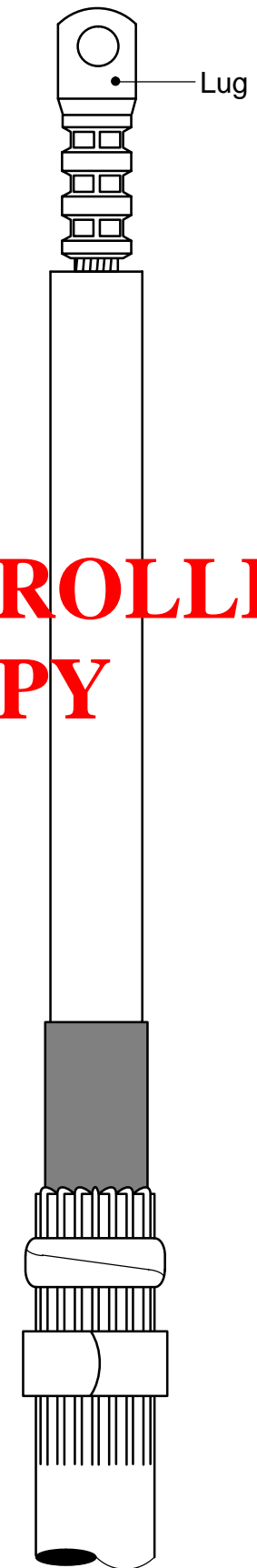


Fig. 3

- 3.1 Attach and press on the crimp lug. Round the edges and remove all the residues of the filing. Thoroughly clean the lug and the cable insulation.
- N.B. Silicone grease is not required.

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