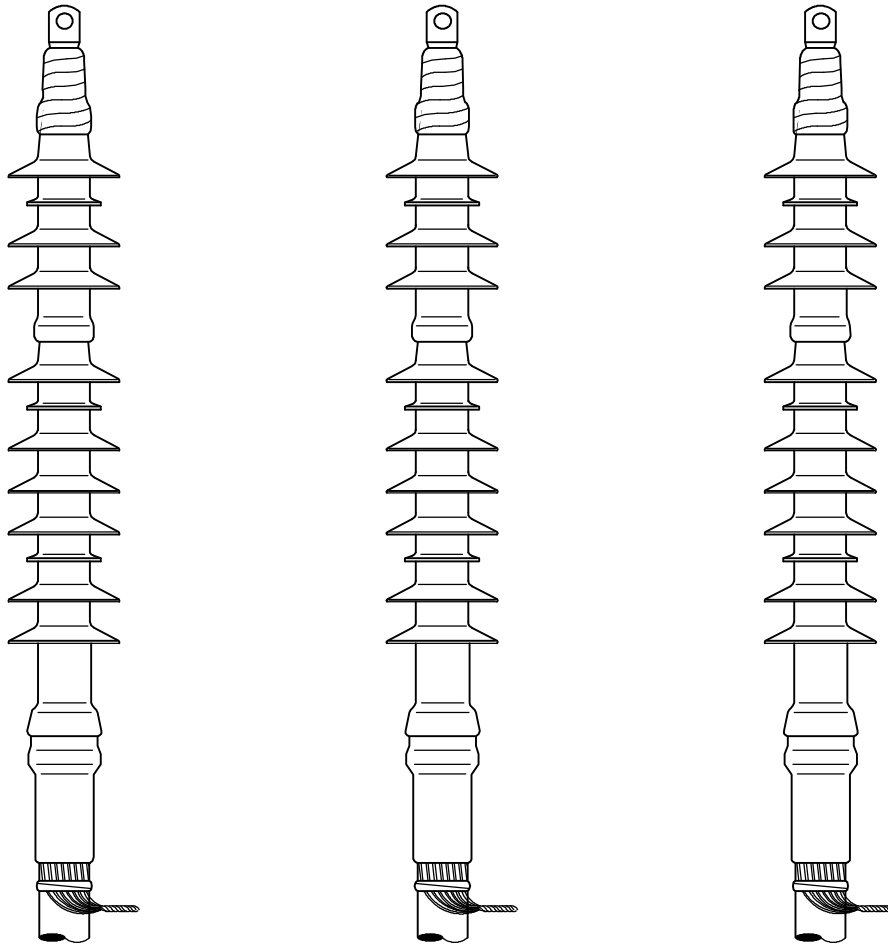


3M QT II



Selection Table

Kit No.	95-EB 62-2	95-EB 63-2
Product No.	4604	4605
Conductor Cross Section (mm ²)	70 - 400	400 - 1000
Diameter over Primary Insulation D (mm)	33 - 53	46 - 66
Dimension A	690	710
Diameter of Termination E	90	102

3M Deutschland GmbH

Issue:

3

Issue date:

03.05.2023

Please note: This product may only be assembled by trained specialized personnel according to these assembly instructions. The preceding specifications are the result of in-depth research. They correspond to the state of our experience. A test by you will convince you of the excellent properties of the 3M products. Verify yourself whether these products are suitable for your purposes. All questions regarding a warranty liability are governed by our terms of sale, unless legal provisions provide differently.

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1. Issue date: **12.10.93**

Language: **English**

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Drawn: **R. Horst**

2. Change date: **03.05.23**

Checked: **J. D. Lema**

3. Change date:

4. Change date:

3M QT II

**Molded Rubber Termination
for Outdoor Application**

95-EB 62-2 and 95-EB 63-2

**for single core polymeric insulated copper wire
screened cables acc to IEC 60502 26/45 kV**

3M Electrical Products

XE-0091-2118-9

Material List

Outdoor Termination

No	Quantity	Description	95-EB 62-2	95-EB 63-2
1	1	QT II Termination Assy-N8 indoor	4604	4605
2	1	Assy Insulator on core	M4	N4
3	1	PST Assy Silicone (no skirts)	24.4 x 127 x 83.3 mm	30.5 x 140 x 98.3 mm
4	1	Silicone Grease	5 ml	5 ml
5	1	Scotch® 33+ Tape	19 mm x 6 m	19 mm x 6 m
6	1	Scotch® 70 Tape	25 mm x 9.0 m	25 mm x 9.0 m
7	2	Seal Strip Bagged	152 mm x 15 mm	152 mm x 15 mm
8	1	Installation Instruction, English	ID-0256-2118-9	ID-0256-2118-9
9	1	Installation Instruction, Spanish	AABBCC34225	AABBCC34225

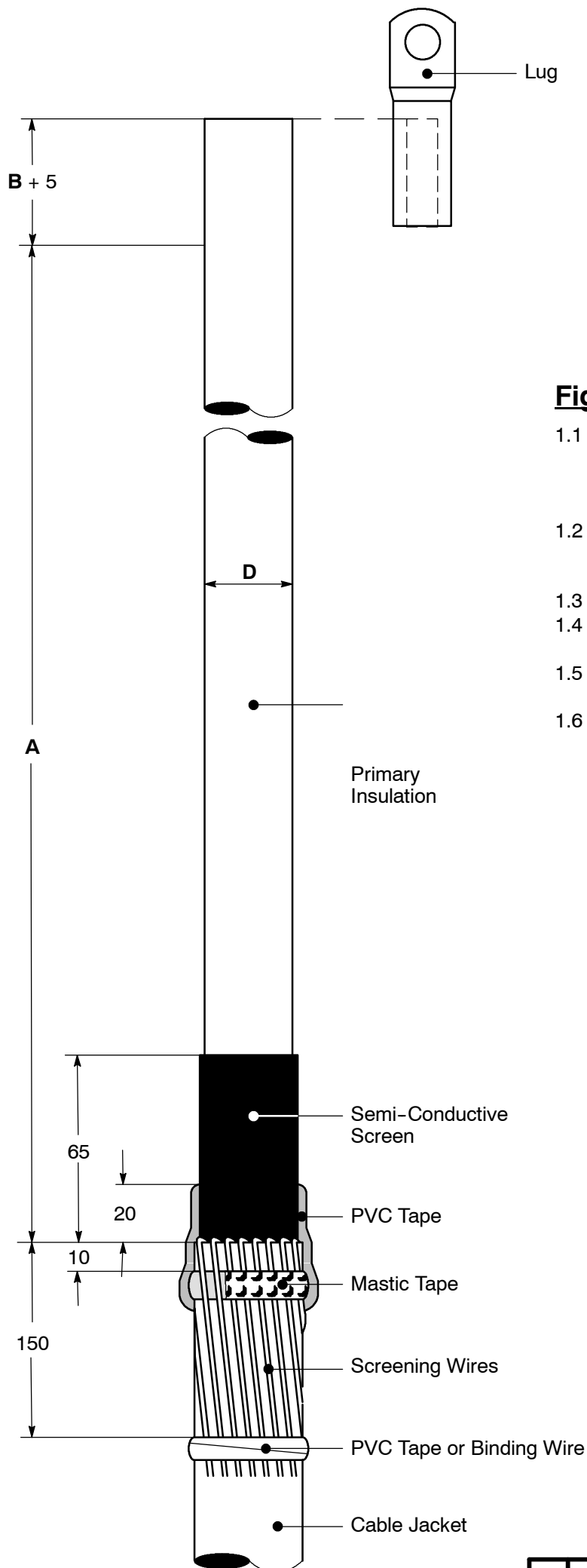


Fig. 1

- 1.1 Remove the cable jacket according to dimension $A + B + 5$ mm.
 A = See table below.
 B = Internal depth of lug barrel.
- 1.2 Remove any conductive coating of the cable jacket (graphite or extruded conductive layer) for a length of 300mm
- 1.3 Apply a seal over the cable jacket.
- 1.4 Bend the screening wires back over the seal and the cable jacket and fix them with a binding or PVC tape.
- 1.5 Wrap a second seal over the screening wires and previously applied sealing.
- 1.6 Apply one half-lapped layer PVC tape to cover the sealing starting 20 mm at the outer semi-conductive screen.

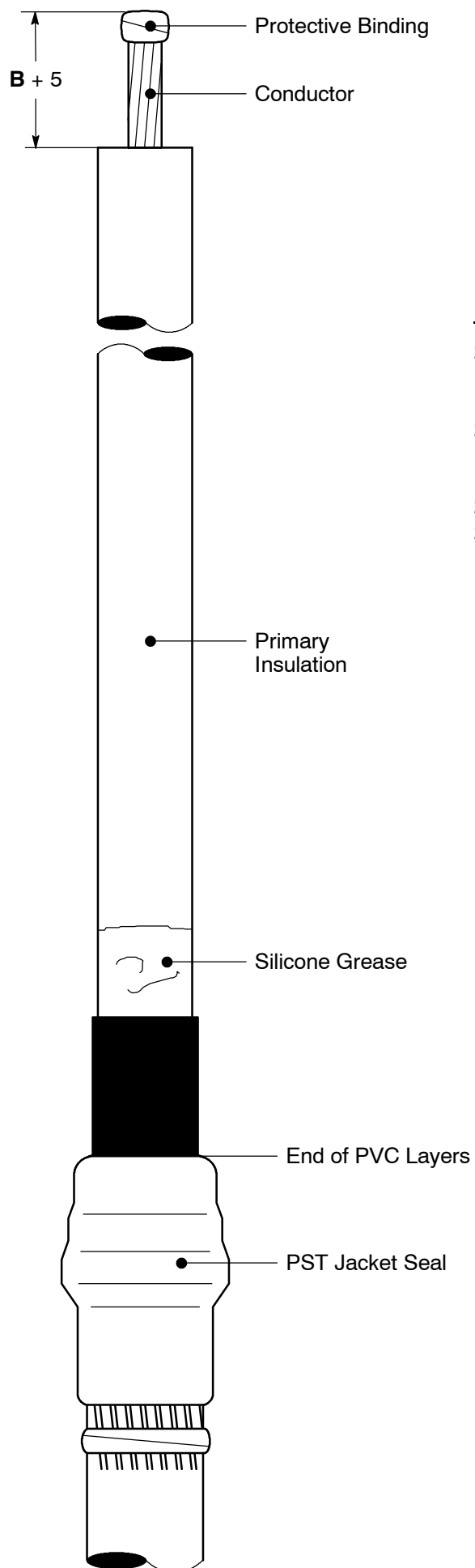


Fig. 2

- 2.1 Slide the PST-jacket seal over the cable jacket with loose core pull tab directed away from prepared cable end.
- 2.2 Shrink it by unwinding and removing the collapsible zip core by unwinding it in counter clockwise direction. Start to shrink at the end of the PVC layer.
- 2.3 Remove primary insulation acc. to dimension $B + 5$.
- 2.4 Apply silicone grease at the end of the semi-conductive screen.

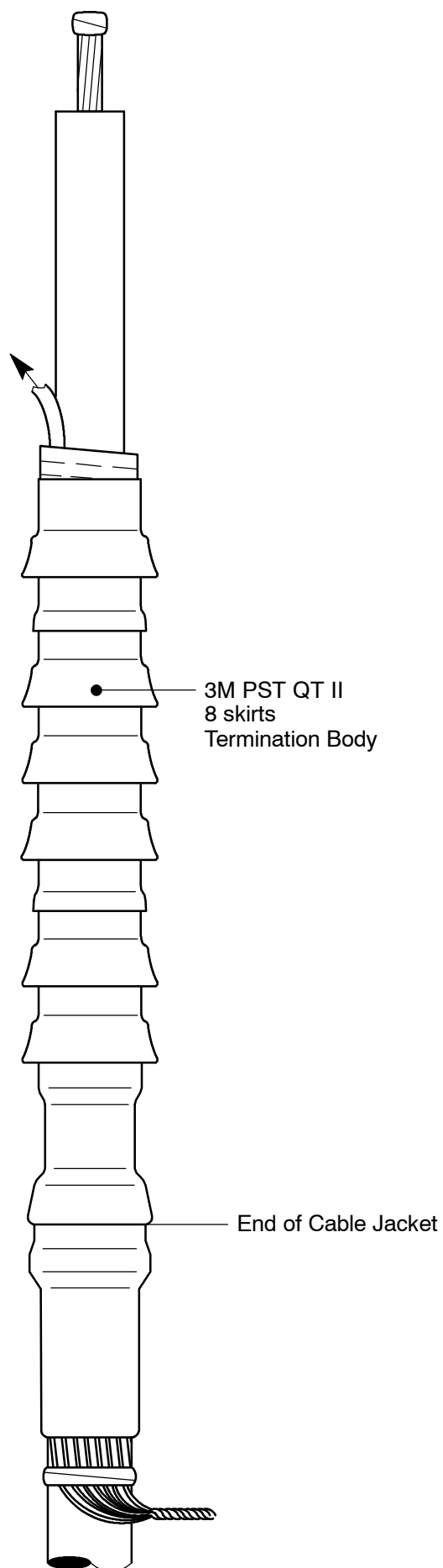


Fig. 3

- 3.1 Slide the QT II 8-skirt termination body onto the cable. Remove the collapsible zip core by unwinding it in counter clockwise direction. Start to shrink at the end of the cable jacket.

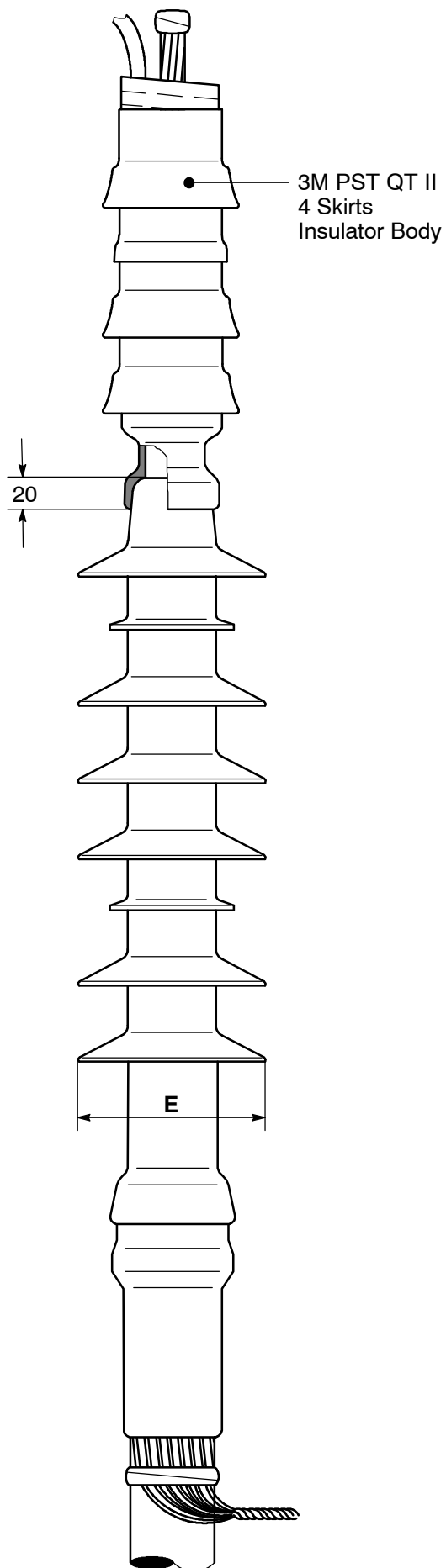


Fig. 4

- 4.1 Slide the QT II 4 skirt insulator body onto the cable. Remove the collapsible zip core by unwinding it in counter clockwise direction. Start to shrink overlapping 20 mm onto the 8 skirt termination body.

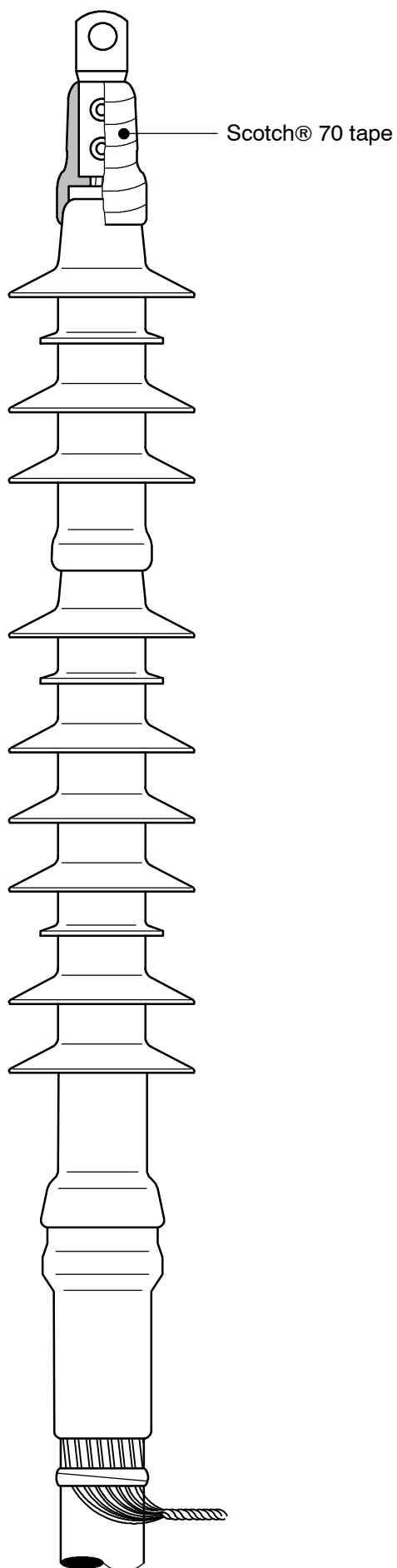


Fig. 5

- 5.1 Install the mechanical lug following the manufacturer instructions, round the edges and remove all residues cleaning carefully.
- 5.2 Wrap 4 half-lapped layers of Scotch® 70 tape over the lug and onto the insulator for 25 mm.