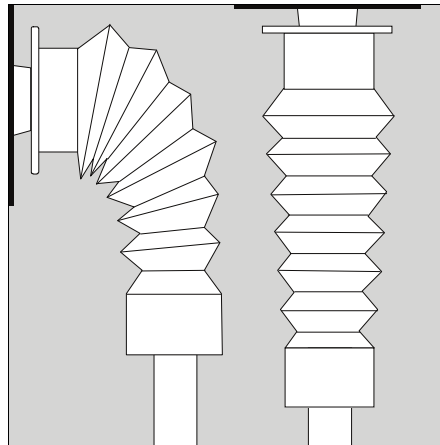


Raychem



Installation Instruction ESD-2878-GB-4/00

Cold Applied Insulating Boots on Terminations for Bushings up to 17.5 kV Type: RCAB

Safety Warning

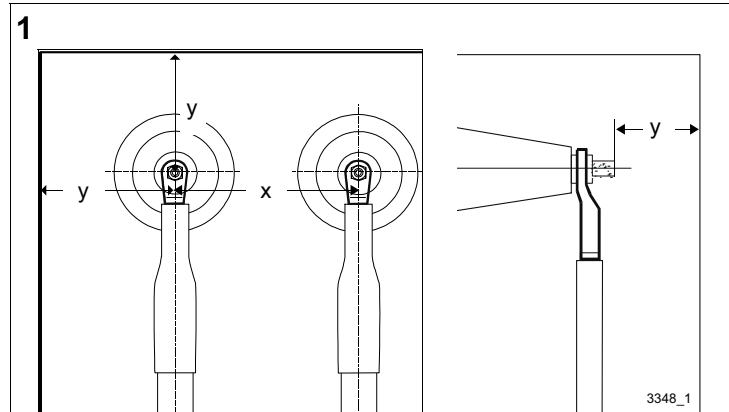
The adaptor and termination are not screened. When the circuit is energised the surface of the insulating boot should not be touched. It is essential to observe the usual safety regulations for working with high voltage equipment. For precise safety information please contact the responsible authority.

Application range	
Bushing Diameter (mm)	Kit number
31 – 45	SMOE-62804
46 – 70	SMOE-62803

Cable cross section:
35 - 400 mm²

**Tyco Electronics
Raychem Energy Division**
Faraday Rd.
Dorcan, Swindon
GB-Wiltshire SN 35HH
Tel No. (1793) 528171
Fax No. (1793) 482403

Termination Preparation:



Ensure that the minimum clearances with the insulating RCAB boot are as follows:

U _m (kV)	7,2	12	17,5
Min. clearance between live metal x (mm)	100	100	100
Min. clearance between live metal and ground y (mm)	60	60	75
Min. clearance between boots (mm)	12	12	12

Install the termination in accordance with the relevant installation instruction. When installed, the minimum clearances between the cores of the termination and between the cores and ground measured at the closest point must be in accordance with the table as shown in the installation instruction for terminations. These dimensions are in accordance with IEC 60071-1 to 71-3.

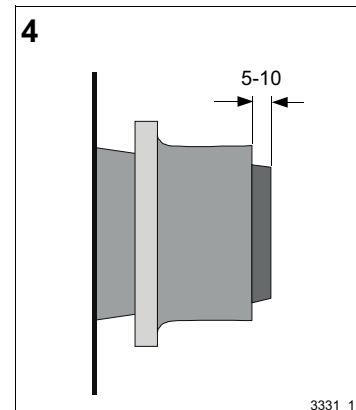
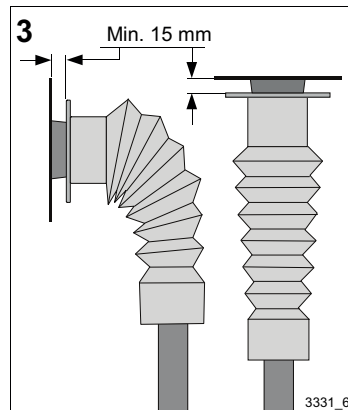
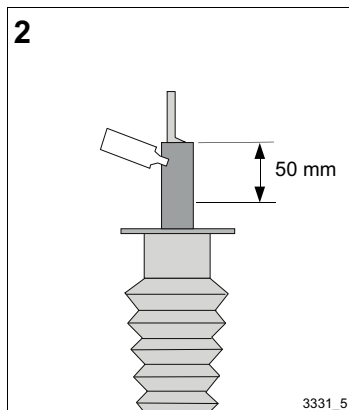
Installation of insulating boot

Apply a thin layer of silicone grease 50 mm onto the termination as shown and slide the insulating boot down over the termination.

Apply a thin layer of silicone grease onto the bushing. Connect the cable lug to the bushing. Push the boot upwards over the bushing as far as possible. Installation of the RCAB is completed.

Note: Clean the bushing before the installation of the boot.

Only for size transition SMOE-62804: Apply a thin layer of silicone grease onto the bushing. Push the collar onto the bushing position it as shown. Continue the installation as described in picture 3.



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