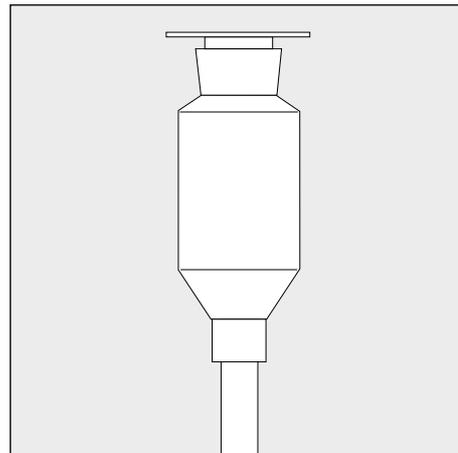




TE's Raychem Cable Accessories



Installation Instruction EPP-0786-8/16

Cold Applied Insulating Boots on Terminations for 630A Bushings 24kV

Typ: 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 local safety regulations for working with high voltage equipment. For precise safety information please contact the responsible authority.

Cable cross section:
35 – 300 mm²

To view the TE Energy website:



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Before Starting

Check to ensure that the kit you are going to use fits the cable.

Refer to the kit label and the title of the installation instructions.

Components or working steps may have been modified since you last installed this product.

Carefully read and follow the steps in the installation instructions.

The Information contained in these installation instructions is for use only by installers trained to make electrical power installations and is intended to describe the correct method of installation for this product. However, TE Connectivity has no control over the field conditions which influence product installation.

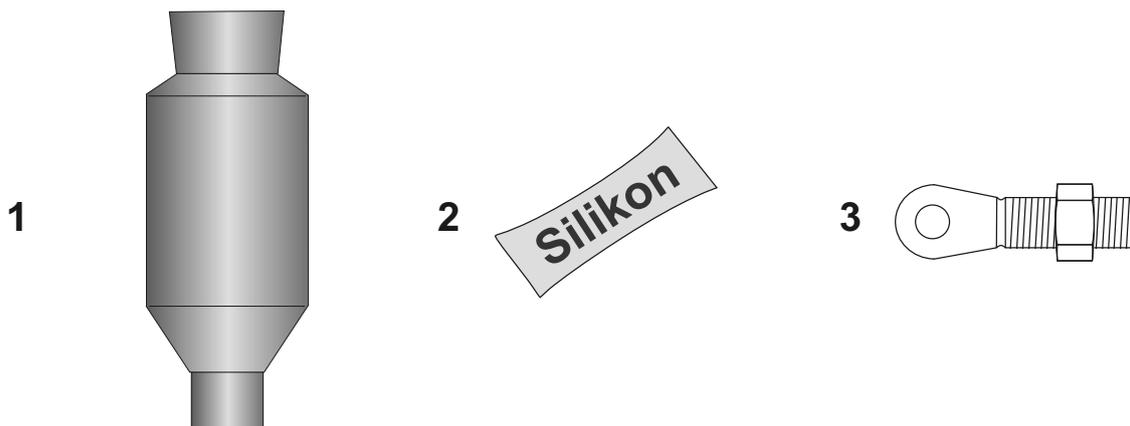
It is the user's responsibility to determine the suitability of the installation method in the user's field conditions.

TE Connectivity's only obligations are those in TE Connectivity's standard Conditions of Sale for this product and in no case will TE Connectivity be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

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Kit content



1	3 x Shrouded termination boot	2	1 x Silicon grease	3	3 x Universal terminal screw EXRM 1366 (optional, needs to be ordered separately)
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Termination Preparation:

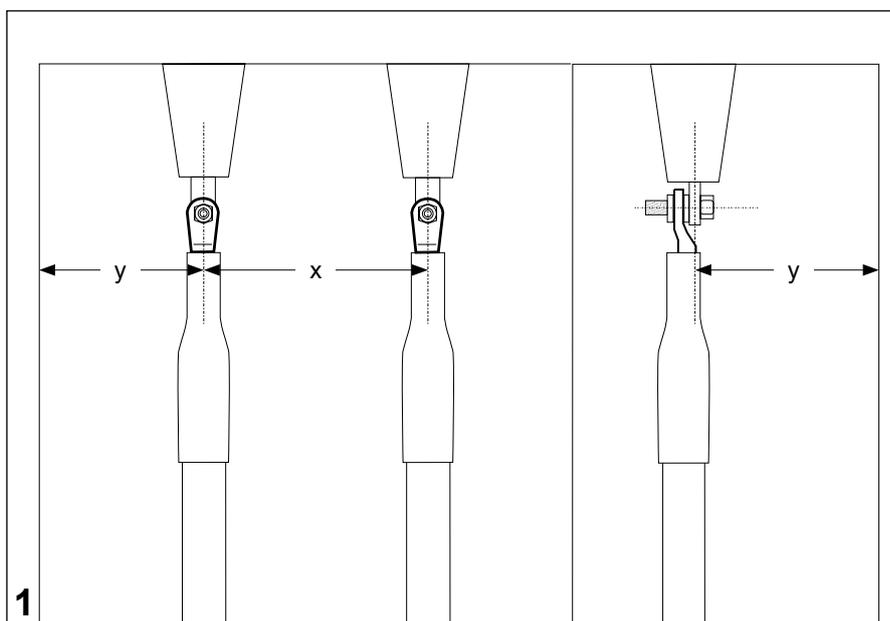
Install the termination in accordance with the relevant installation instruction.

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

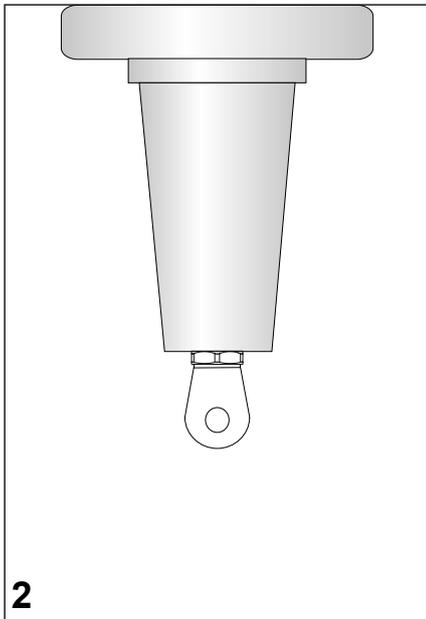
accordance with the table as shown in the installation instruction for

terminations. These dimensions are in accordance with IEC 60071-1 to 71-3.



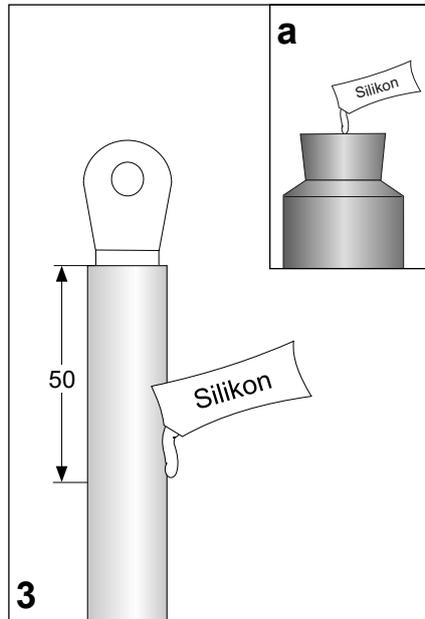
Ensure that the minimum clearances with the insulating RCAB boot are as follows:

U_m (kV)	24
Min. clearance x (mm)	100
Min. clearance y (mm)	60
Min. clearance between boots (mm)	12



Install the universal terminal screw with counter nut into the bushing.

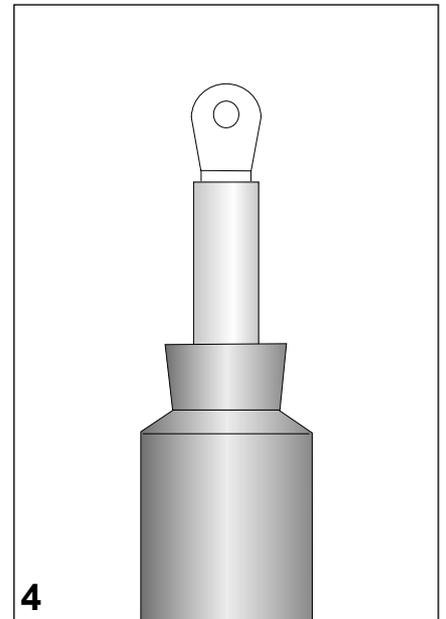
Align the palm and fix the counter nut with 35Nm using a torque wrench.



Clean the upper side of the termination and inside of the shrouded termination boot (large diameter).

Apply a thin layer of grease on the termination as shown (50 mm) and in the boot.

Note: The sheds provided in the termination kit or installed on the termination are not required when used with RCAB.



Starting with the small diameter of the boot slide the RCAB over the termination.

Push the boot till the cable lug is free accessible.

Connect the cable lug to the bushing.

Clean the bushing and apply a thin layer of silicone grease onto the bushing.

Push the boot upwards over the bushing as far as possible.

Installation of the RCAB is completed.

Please dispose of all waste according to environmental regulations.

