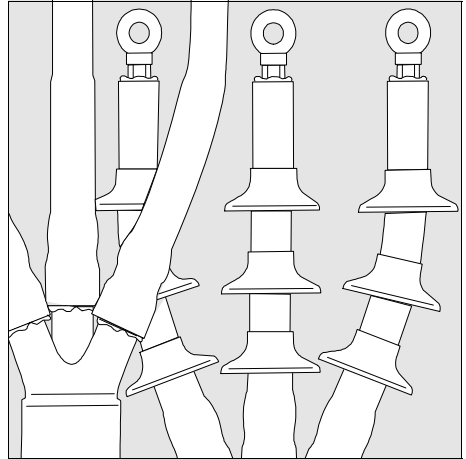


Raychem



**Installation Instruction
EPP-0225-4/90**

**Cable Gland Assembly
for Multicore Plastic and
Paper Insulated Cables
with Steel Wire Armour**

Tyco Electronics Raychem GmbH
Energy Division
Haidgraben 6
85521 Ottobrunn
Munich, Germany
Tel. (089) 6089-0
Fax (089) 6096345

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 instruction.

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

Carefully read and follow the steps in the installation instruction.

General Instructions

Use a propane (preferred) or butane gas torch.

Ensure the torch is always used in a well ventilated environment.

Adjust the torch to obtain a soft blue flame with a yellow tip.

Pencil-like blue flames should be avoided.

Keep the torch aimed in the shrink direction to preheat the material.

Keep the flame moving continuously to avoid scorching the material.

Clean and degrease all parts that will come into contact with adhesive.

If a solvent is used follow the manufacturer's handling instructions.

Tubing should be cut smoothly with a sharp knife leaving no jagged edges.

Start shrinking the tubing at the position recommended in the instruction.

Ensure that the tubing is shrunk smoothly all around before continuing along the cable.

Tubing should be smooth and wrinkle free with inner components clearly defined.

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, Tyco Electronics has no control over the field conditions which influence product installation.

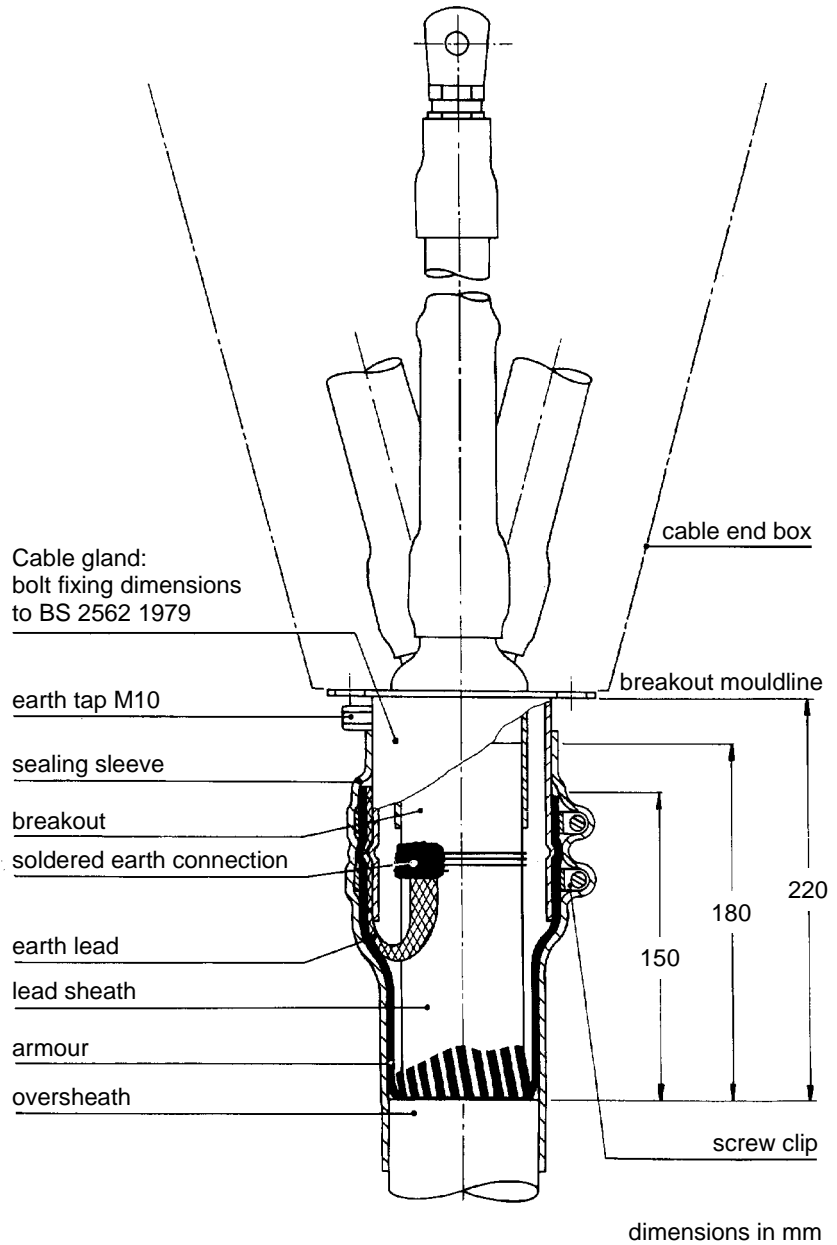
It is the user's responsibility to determine the suitability of the installation method in the user's field conditions. Tyco Electronics' only obligations are those in Tyco Electronics' standard Conditions of Sale for this product and in no case will Tyco Electronics be liable for any other incidental, indirect or consequential damages arising from the use or misuse of the products.

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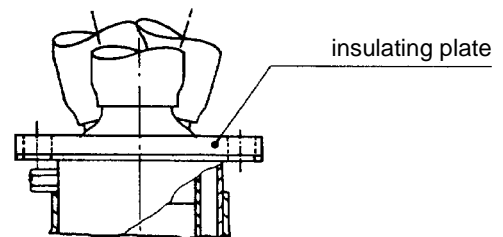
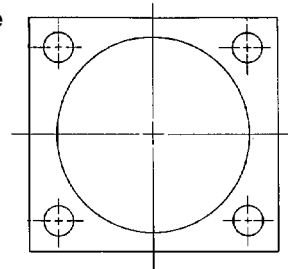
Installation of Cable Gland Assembly

Paper insulated cables

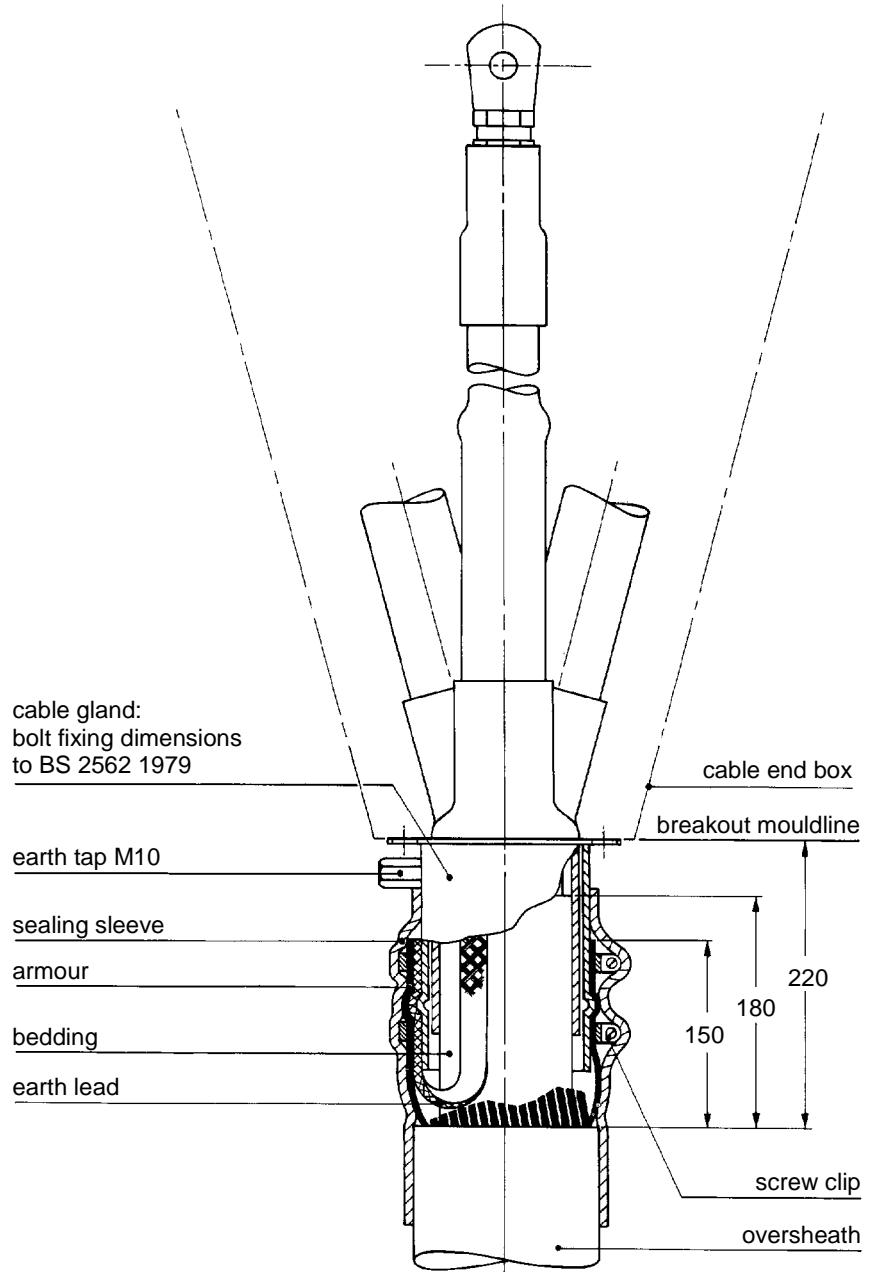
1. Slide the sealing sleeve, cable gland and insulating plate (for insulated connections) over the cable.
2. Determine the core length $L + K$ required for the cable end box in accordance with the appropriate Raychem Terminations Installation Instruction. Remove the oversheath according to dimension $L + K + 180$ mm. Remove the armour 150 mm from the end of the oversheath. Spread the armour wires out away from the cable.
3. Complete the termination in accordance with the appropriate Raychem Terminations Installation Instruction.
4. Support the cable temporarily and fit the cores into the cable end box.
5. Fix the cable gland to the cable end box using only the nuts and bolts provided in the kit.
6. Carefully bend the armour wires and earth lead over the cable gland and fix them into place with the screw clips as shown in the drawing. Tighten the upper screw clip first.
7. Clean the cable gland and oversheath. Preheat the cable gland.
8. Cover the screws of the screw clips with a piece of oversheath.
9. Slide the sealing sleeve over the cable gland. Start shrinking at the top, working towards the oversheath.



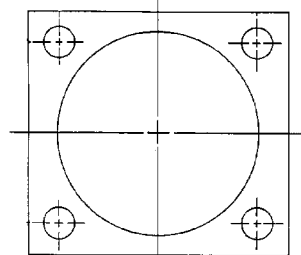
Location of insulating plate



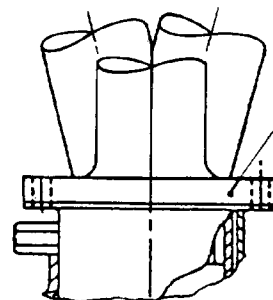
Plastic insulated cables



Location of insulating plate



dimensions in mm



insulating plate

Please dispose of all waste according to environmental regulations.

