

Cold Shrink System

QTIII Cold Shrink Terminations

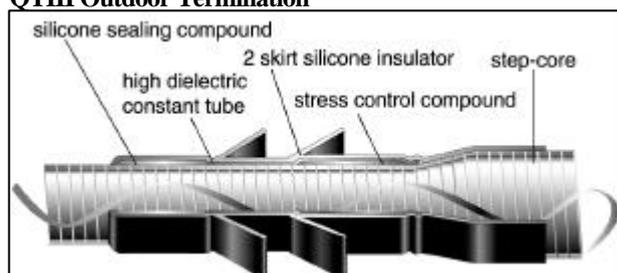
Data Sheet

Product Description

QTIII terminations offer easy installation and reliable performance when terminating indoor and outdoor medium voltage cable. QTIII is a one piece silicone rubber termination which is expanded and loaded onto a removable supporting core which allows the termination to be installed without the need for tools or heat. The core is stepped to allow a greater application range for armoured cables.

QTIII consists of a tubular silicone insulator, with a built in refractive stress control tube and compound, and a built in top seal. Due to this design the QTIII termination is installed in one operation without the need for any additional components.

QTIII Outdoor Termination



QTIII terminations are manufactured from silicone rubber, which has been specially formulated to enhance the properties required for MV terminations.

Advantages of 3M silicone as an insulator are:

- ❖ Excellent insulating properties
- ❖ Hydrophobic properties
- ❖ Hydrophobic recovery
- ❖ UV stable
- ❖ Non-flammable
- ❖ Fungus resistant
- ❖ Excellent high and low temperature properties
- ❖ Superior track and erosion resistance

Applications

QTIII terminations are suitable for use on polymeric cables from 11kV to 33kV. Both indoor and outdoor terminations are available for single core and three core cables.

Type Tests

QTIII terminations have been tested in accordance with IEEE Std 48-1990 and/or VDE 0278 Part 4. Details of type tests are available upon request.

Features

- ❖ One piece termination
- ❖ Built in stress control compound
- ❖ Built in top seal
- ❖ Moulded rain sheds on outdoor terminations
- ❖ Optimum High-K stress control
- ❖ Compact design
- ❖ High reliability, over 20 years of proven field experience
- ❖ Continuous operating temperature of 90°C, overload rating 130°C
- ❖ Provides consistent installation quality
- ❖ Permanent radial pressure
- ❖ Tool free installation
- ❖ No heat required

Availability

A full range of 11kV terminations is available as part of the 3M Cold Shrink System. Please refer to one of our Accredited Cold Shrink System Distributors.

Important Notice

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