

WWW.CABLEJOINTS.CO.UK THORNE & DERRICK UK TEL 0044 191 490 1547 FAX 0044 477 5371 TEL 0044 117 977 4647 FAX 0044 977 5582 WWW.THORNEANDDERRICK.CO.UK

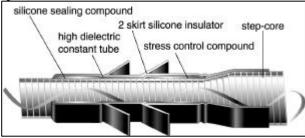
Data Sheet

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

OTIII 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

Technical information provided by 3M is based on experience and/or tests believed to be reliable, but their accuracy is not guaranteed and the results may not be relevant to every user's application. For this reason 3M does not accept responsibility or liability, direct or consequential, arising from reliance upon any information provided and the user should determine the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. All questions of liability relating to 3M products are governed by the seller's terms of sale subject where applicable to the prevailing law. If any goods supplied or processed by or on behalf of 3M prove on inspection to be defective in material or workmanship, 3M will (at its option) replace the same or refund to the Buyer the price paid for the goods or services. Except as set our above, all warranties and conditions, whether express or implied, statutory or otherwise are excluded to the fullest extent permissible at law. 3M is a trademark of the 3M Company. Printed in the UK. © 3M United Kingdom PLC, 2003.



WWW.CABLEJOINTS.CO.UK THORNE & DERRICK UK

TEL 0044 191 490 1547 FAX 0044 477 5371 TEL 0044 117 977 4647 FAX 0044 977 5582 WWW.THORNEANDDERRICK.CO.UK