

Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the Lloyd's Register Type Approval System.

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------|-------------------|--------|--------------------|------|-----------------------|------|-----------------------|----------------|
| Manufacturer | 3M Nederland B.V. | | | | | | | | | | |
| Address | Amsterdamseweg 61, Amersfoort, 3812 RR, Netherlands | | | | | | | | | | |
| Type | Cables Accessories | | | | | | | | | | |
| Description | Heat shrink closures for electric cable joints on smooth surface armoured/ unarmoured plastic and rubber insulated cables up to 1 kV | | | | | | | | | | |
| Trade Name | MDT, MDT-A | | | | | | | | | | |
| Application | Marine and Offshore use for the joining of electric cables | | | | | | | | | | |
| Specified Standard | Manufacturer's specification | | | | | | | | | | |
| Ratings | <table><tr><td></td><td>MDT/MDT-A</td></tr><tr><td>Bore supplied, mm</td><td>12-120</td></tr><tr><td>Bore recovered, mm</td><td>3-40</td></tr><tr><td>Dielectric constant K</td><td>1.72</td></tr><tr><td>Operating temperature</td><td>-35° to 130° C</td></tr></table> | | MDT/MDT-A | Bore supplied, mm | 12-120 | Bore recovered, mm | 3-40 | Dielectric constant K | 1.72 | Operating temperature | -35° to 130° C |
| | MDT/MDT-A | | | | | | | | | | |
| Bore supplied, mm | 12-120 | | | | | | | | | | |
| Bore recovered, mm | 3-40 | | | | | | | | | | |
| Dielectric constant K | 1.72 | | | | | | | | | | |
| Operating temperature | -35° to 130° C | | | | | | | | | | |
| Other Conditions | This is to certify that Certificate No. 95/30032(E5) for the above mentioned products is extended and renumbered as shown | | | | | | | | | | |

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This certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The Design Appraisal Document No. PRJ11100283517 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

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Kingdom

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