

3M QTII

Cold Shrink Single Core Indoor Terminations 92-EB Series for 6.6/11(12) kV Cables

Application

3M™ QTII Cold Shrink Series Kits are designed for 12kV Umax voltage class, Single core polymeric power cable systems according to HD 620 (IEC 60502).

Kit Content

3M™ 92-EB Series Terminations include the Cold Shrink QTII Silicone Termination body with integrated stress control device, and silicone elastomeric insulation. Silicone tape is included for moisture sealing. Also included are all armour continuity components where applicable, please refer to selection table for details.



Product Features

- The versatile design of the prefabricated one-piece cold shrink termination body allows installation on a wide range of cable sizes and types and a fast and easy installation at temperatures ranging from - 20°C to + 50°C.
- No heat or flame is needed during installation.
- Solderless earth connection using Constant Force springs.
- No special tools needed during installation.

Installation

3M™ Cold Shrink technology ensures quick, easy and safe installation of the QTII Termination Body by pulling and unwinding the plastic support core in counter clockwise direction. Use of special tools is not necessary.

Detailed instructions for installing the 3M™ QTII Series Terminations are included in each kit.

Product Identification

3M™ QTII Series Termination kits are marked with supplier name, cable cross section ranges, voltage class and cable type, storage conditions and manufacturing codes for product traceability.

Performance Tests

3M™ QTII 92-EB Series Terminations meet and exceed the requirements of the European standard CENELEC HD 629.1 as well as IEC 60502-4.

See Independent Test Report No. I0377-0E

Storage

The shelf life of 3M™ QTII Series Terminations is specified as 3 years.
Temperature: - 40°C to +50°C.

Regulatory Status

3M™ QTII Series Terminations are not subject of the European WEEE and RoHS Directives but meet their requirements.

Product Selection

Kit Reference	Cable Type	Application Range Guide (mm ²)	Diameter over primary insulation (mm)	Max. Lug diameter accepted (mm)
92-EB621-1-P	Copper Tape Screen / Armour	50 – 150	15.9 – 30.0	30
92-EB631-1-P	Copper Tape Screen / Armour	185 – 400	22.6 – 41.4	41
92-EB641-1-P	Copper Tape Screen / Armour	300 – 630	27.3 – 49.3	49
92-EB651-1-P	Copper Tape Screen / Armour	500 – 1000	31.5 – 51.5	51
92-EB60-1	Copper Wire Screen	16 – 25	11.2 – 16.5	16
92-EB61-1	Copper Wire Screen	35	14.2 – 22.1	22
92-EB62-1	Copper Wire Screen	50 – 150	15.9 – 30.0	30
92-EB63-1	Copper Wire Screen	185 – 500	22.6 – 41.4	41
92-EB64-1	Copper Wire Screen	300 – 630	27.3 – 49.3	50
92-EB65-1	Copper Wire Screen	500 – 1000	31.5 – 61.5	61

Product Stewardship

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