



Technical Information

Separable T- Connectors for 6/10 kV up to 12/20 kV 3M™ T- Connector 93-EE 7x5-6 Kits

Description

The 93-EE 7x5-6 Kits consist of a T-type Separable Connector. The assembly is touchable and has an integrated stress controlling part. Each kit contains all the necessary components to install three Plug-In, including all connection devices.

Applications

These Kits are designed to be installed on wire screened non-armoured polymeric insulated cables for 6/10 kV ($U_m = 12$ kV) up to 12/20 kV ($U_m = 24$ kV) - 400 A / 630 A applications.

The Separable Connector establishes the connection between any polymeric insulated cable onto transformers, switchgears, motors or other equipment.

Technical Information

The one-piece design of the Separable Connector is made of silicone rubber. It guarantees a watertight connection and a long life span for cable ends. It is suitable for outer cone bushings according DIN EN 50180 and DIN EN 50181.



Electrical Ratings	Values
Max. System Voltage	24 kV
Impulse	125 kV
AC Withstand (5 min.)	57 kV
Continuous Current	630 A

3M™ Separable Connectors Kits for 400 A and 630 A Bolted "T" applications up to 12/20 (24) kV

Application Range

Kit Reference	Voltage Class	Diameter over Primary Insulation	Application Range *
93-EE 705-6/-95	10 up to 20 kV	15.0 – 32.6 mm	25 – 95 mm ²
93-EE 705-6/-240	10 up to 20 kV	15.0 – 32.6 mm	95 - 240 mm ²
93-EE 715-6/-300	20 kV	30.2 – 34.6 mm	300 mm ²
93-EE 715-6/-400	20 kV	33.5 – 37.8 mm	400 mm ²

* Check if the diameter over primary insulation is in the appropriate range

Features

- Material: Silicone rubber
- One-piece design, including a built-in capacitive test point
- Provides a fully screened and submersible system
- Fast and easy installation
- All components included to make the installation
- Meets European standard specifications: Cenelec HD 629.1 S1 and IEC 60502-4

Benefits

- Two products cover up to 9 cable cross-sections
- Less inventory needed
- Minimum skill required: no heat, torch or special tools are needed
- Provides total safety in case of accidental touch
- Close positioning between 3 phases and to earth
- Immediate energisable



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28.03.2008 Issue 1