



MVT 43510 Series

3/C, 35kV Medium Voltage Termination with Boot

Class 1 terminator for three-core 33-36kV extruded dielectric shielded power cable with up to 3 grounds

Description

The Innovative Power Products MVT 43510 series Class I termination kits are heatshrinkable terminators for three-core armored or unarmored 35kV (33-36kV), extruded dielectric shielded medium voltage cables with or without ground wires. The MVT 43510E series terminations are for applications where the terminators are exposed to the elements such as precipitation or direct outdoor sunlight.

MVT 43510 series kits provide a lightweight compact alternative to other three-core termination methods. There are no compounds to mix and pour and no labor-intensive taping procedures. MVT 43510 series terminators provide a rugged, low cost and reliable cable termination.

Versatility

The MVT 43510 kits cover a wide range of conductor sizes and shapes. They accommodate out-of-round or off-tolerance cables, in both round and sector shaped conductors. The standard kits fit all types of three-core cable constructions with or without ground wires, including: metallic tape shield, drain wire shielded, lead covered and Unishield® power cables. MVT 43510 series kits can be used on armored cables when no separate armor terminator is used. The kits are based on the single-core MVT 3530 series kits with additional components to convert the three-core cable into three, individual single cores. The forty-eight inch (48") tail length allows for easy training of the termination in switchgear, or at the riser in overhead transition applications. Three (3) kit sizes cover cable sizes from 1 AWG through 1500 kcmil.

Performance

MVT 43510 series kits are factory engineered to provide fast and easy installation with reliable performance.

All MVT kits are designed to meet or exceed the requirements of IEEE-48 for Alternating Current Cable Terminations.

Convenient Packaging

The kits are packaged to provide one (1) three-core termination. Everything is included to terminate the three-core cable with or without ground wires less the terminal lugs and external grounding components. External grounding components can be included as a kit option. Connectors can be supplied in the kits; subject to factory quote. See section 5 for connector information.

Related Product Information

MVT 43510: Price List PL-654



