



MVSN 50 Series

5kV Non-Shielded Splice Kits

1/C, 3/C to 3-1/C, 3/C armored, 2.3 - 6.6kV splices for extruded dielectric non-shielded cables

Description

The Innovative Power Products MVSN 50 series splices are heatshrinkable kits for splicing 5kV (2.3-6.6kV), extruded dielectric, non-shielded, medium voltage power cables. MVSN 50 series kits provide a lightweight, compact and environmentally sealed system for splicing extruded dielectric, non-shielded power cable. These splices can be installed in duct systems, vaults, submersible or direct-buried applications. MVSN 50 series splice system provides a total environmental seal. Splice failures in flooded vaults are eliminated.

Versatility

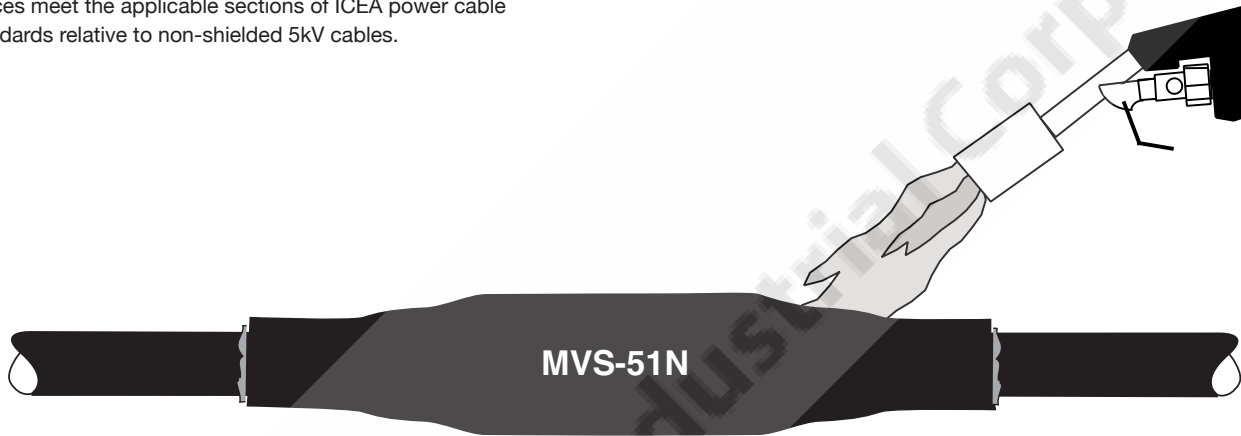
MVSN 50 kits are factory engineered to provide fast, easy and repeatable installations with reliable performance. These splices meet the applicable sections of ICEA power cable standards relative to non-shielded 5kV cables.

Performance

The kits are packaged to provide three (3) single-core splices for MVSN 50 splices, or one (1) three-core cable splice for MVSTN 50, MVS3N 50 and MVSA3N 50 splice kits. These factory engineered kits are supplied with everything that is necessary to rebuild the cable, less the butt-splice connectors. Connectors can be supplied in the kits; subject to factory quote. See section 5 for connector information.

Related Product Information

All MVSN 50 Series Products: Price List PL-602



MVSN 50 Series Splice Kits

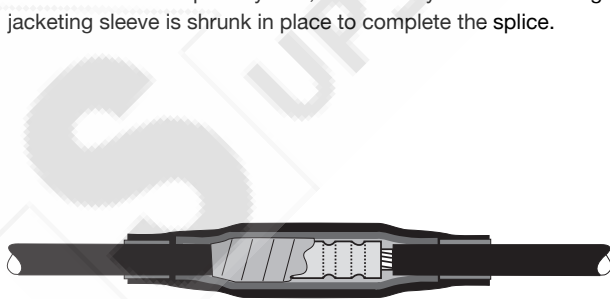
MVSN 50 series splice kits use field control material over the connector to suppress partial discharge. A corona resistant heavy walled sleeve is then installed over the connector for insulation. Sealant is applied at both ends of the insulating sleeve to make the primary seal, and a heavy-walled insulating/jacketing sleeve is shrunk in place to complete the splice.

Kit Contents

The MVSN 50 series splice kits contain the following:

- Field control material
- Corona resistant insulating sleeve
- Sealant strips
- Insulating/Jacketing sleeve
- Installation Guide

Selection Guide



1/C to 1/C, 5 kV Nonshielded Straight Splice Kit

1/C Conductor Range <i>Dimensions in inches</i>	Kit Catalog Number	Jacket O.D. min.	Range. max.
6 - 2/0 AWG	MVSN 51	0.42	0.85
3/0 - 350 kcmil	MVSN 52	0.75	1.25
400 - 1250 kmil	MVSN 53	1.16	2.05