



# ILVS-30A SERIES

**3/C ARMORED POWER CABLE  
SPLICE KITS Rated to 1 kV**

## Description

Innovative Power Product's three-conductor low voltage splice kits, ILVS-30A are heatshrinkable splice kits for splicing three-conductor plastic or rubber insulated armored power cables. The ILVS-30A kits cover a conductor range from 8 AWG-1000 kcmil for power cables rated up to 1000 volts. Each kit contains all of the necessary materials to permanently splice all common types of power cable for submersible, underground or cable tray applications.

The ILVS-30A kits provide a reliable method for splicing 3/C fixed power cables. The splice kits are the economical and permanent solution for repairing mid-run damage or splicing short lengths of existing 3/C, low voltage power cables



3/C, 1 kV Armored Power Cable Splice



Cutaway view of splice above

## Kit Contents

The ILVS-30A series kit contains the following:

- Precoated heatshrinkable splice sleeves
- Wraparound galvanized steel armor case
- Heatshrinkable wraparound re-jacketing sleeve
- Stainless steel closure channel(s) & clip(s)
- Installation Guide

## Related Product Information

ILVS-30A:

• Price List PL-335

## Fast, Easy Installation

Installation is fast and simple, no special skills required :

- Prepare the cable ends per installation guide
- Position the splice sleeves over conductor ends
- Match conductors and install connectors
- Center splice sleeves over connectors; shrink in place
- Install wraparound armor case
- Center wraparound sleeve over armor case; shrink in place

The completed splice is abrasion resistant, moisture proof and provides excellent resistance to mechanical damage.

## Selection and Ordering Information

Find the three-conductor armored cable's conductor size and select the catalog number. For a 3/C, 3/0 AWG. conductor cable, the kit would be: ILVS-32A. Confirm dimensional data when at either extreme of the use range.

| Catalog Number | Conductor Size Range nom. | Jacket O.D. min.-max. | Installed Length max. | Standard Package |
|----------------|---------------------------|-----------------------|-----------------------|------------------|
| ILVS-31A       | #8-#2 AWG                 | 0.50"-1.50"           | 20.0"                 | 1 kit            |
| ILVS-32A       | #1-4/0 AWG                | 0.80"-2.20"           | 30.0"                 | 1 kit            |
| ILVS-33A       | 250-500 kcmil             | 1.20"-3.00"           | 30.0"                 | 1 kit            |
| ILVS-34A       | 600-1000 kcmil            | 1.50"-3.75"           | 40.0"                 | 1 kit            |

**CONNECTORS:** To have connectors supplied in the kits, please refer to [Section 5](#) in this catalog for connector selection information. The connectors must be ordered separately but can be packaged within the kits if detailed information is supplied.