

## TYPES CSUDO-B, CSUDO-J

### Medium Voltage Cold Shrink Termination Kits Utility / Renewable Series - Bare / Jacketed Concentric Neutral Sleeve Only Applications up to 35kV

To be used with single core XLPE and EPR jacketed or bare concentric neutral underground distribution cables commonly found in the renewables and utility markets

Material: Silicone Rubber

Type CSUDO-B (for indoor/outdoor bare applications) Series of Bare Concentric Neutral Terminations and Type CSUDO-J (for indoor/outdoor jacketed applications) Series of Jacketed Concentric Neutral Termination Kits.

Termination kits feature a geometric stress cone for exceptional performance. Kit includes cold shrink termination, center endseal termination, and installation guide. Conforms to IEEE-48-2009, Class 1 and ISO/IEC 17025 Standards. Test reports available upon request.

#### Kit Contents includes:

- (1) Silicone Rubber housing on easy pull rip cord
- (1) Red Sealant Mastic
- (1) PVC Electrician Tape
- (1) Cable Prep Kit



CSUDO15210J shown

#### Features and Benefits

- All-in-one integrated body incorporating stress control and sealant mastics
- Unique stress control system based on microvaristor (ZnO) technology that delivers exceptional discharge and impulse performance
- Quick and easy installation. Offering fewest number of steps to install
- Improved spiral rip core assembly uses smooth edges for simpler installation with less effort. Heat tacked spiral core prevents unravelling during shipping and handling
- Excellent UV Resistance and hydrophobic characteristics
- Silicone rubber body provides excellent track and erosion resistance

### Jacketed Concentric Neutral Series

| Indoor/Outdoor (Skirted) Catalog Number | Rip Cord I.D. | Length (preshrink) | Cable Insulation Outside Diameter Range | Insul. Dia. (preshrink) | 5-8kV Wire Range  | 15kV Wire Range  | 25-28kV Wire Range | 35kV Wire Range  |
|---|---------------|--------------------|---|-------------------------|-------------------|------------------|--------------------|------------------|
| CSUDO15210J                             | 1.62          | 9.25               | 0.57 - 0.90                             | 1.10                    | #2 - 4/0 AWG      | #2 - 1/0 AWG     | —                  | —                |
| CSUDO2528140J                           | 2.04          | 12.60              | 0.71 - 1.26                             | 1.50                    | 4/0 - 500 kcmil   | 1/0 - 250 kcmil  | #1 - 4/0 AWG       | —                |
| CSUDO252810250J                         | 2.17          | 14.17              | 0.83 - 1.34                             | 1.65                    | 350 - 750 kcmil   | 4/0 - 500 kcmil  | 1/0 - 250 kcmil    | —                |
| CSUDO3510350J                           | 3.53          | 20.87              | 1.04 - 1.63                             | 1.97                    | 750 - 1000 kcmil  | 350 - 750 kcmil  | 250 - 500 kcmil    | 1/0 - 350 kcmil  |
| CSUDO355001500J                         | 3.53          | 20.87              | 1.34-2.32                               | 2.87                    | 1000 - 2000 kcmil | 750 - 2000 kcmil | 500 - 1500 kcmil   | 500 - 1500 kcmil |

### Bare Concentric Neutral Series

| Indoor/Outdoor (Skirted) Catalog Number | Rip Cord I.D. | Length (preshrink) | Cable Insulation Outside Diameter Range | Insul. Dia. (preshrink) | 5-8kV Wire Range  | 15kV Wire Range  | 25-28kV Wire Range | 35kV Wire Range  |
|---|---------------|--------------------|---|-------------------------|-------------------|------------------|--------------------|------------------|
| CSUDO15210B                             | 1.62          | 9.25               | 0.57 - 0.90                             | 1.10                    | #2 - 4/0 AWG      | #2 - 1/0 AWG     | —                  | —                |
| CSUDO2528140B                           | 2.04          | 12.60              | 0.71 - 1.26                             | 1.50                    | 4/0 - 500 kcmil   | 1/0 - 250 kcmil  | #1 - 4/0 AWG       | —                |
| CSUDO252810250B                         | 2.17          | 14.17              | 0.83 - 1.34                             | 1.65                    | 350 - 750 kcmil   | 4/0 - 500 kcmil  | 1/0 - 250 kcmil    | —                |
| CSUDO3510350B                           | 3.53          | 20.87              | 1.04 - 1.63                             | 2.83                    | 750 - 1000 kcmil  | 350 - 750 kcmil  | 250 - 500 kcmil    | 1/0 - 350 kcmil  |
| CSUDO355001500B                         | 3.53          | 20.87              | 1.34 - 2.32                             | 2.83                    | 1000 - 2000 kcmil | 750 - 2000 kcmil | 500 - 1500 kcmil   | 500 - 1500 kcmil |