

A. System Overview

## Code Conductor, Aluminum, Reducing Splice

B1. Cable Ties

### For Reducing Stranded Aluminum-to-Aluminum or Aluminum-to-Copper Conductors

B2. Cable Accessories

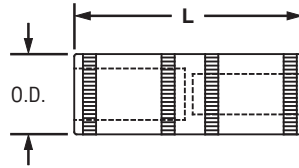
#### Type SAR

- Dual rated for use with aluminum or copper conductors
- Factory pre-filled with joint compound and sealed with easy pull-out end plug to inhibit corrosion
- Color-coded end plug and Panduit and specified competitor die index numbers marked on barrel for proper crimp die selection
- Tin-plated to inhibit corrosion
- For use up to 35 KV\*\* and temperature rated 90°C when crimped with Panduit and specified competitor crimping tools and dies

B3. Stainless Steel Ties



C1. Wiring Duct



C2. Surface Raceway

C3. Abrasion Protection

| Part Number         | Aluminum Conductor Size From | Aluminum or Copper Conductor Size To | Figure Dimensions (In.) |      | Panduit Color Code | Panduit Die Index No.‡ | Burdny Die Index No.‡ | T&B Die Index No.‡ | Wire Strip Length (In.) | Std. Pkg. Qty. |
|---------------------|------------------------------|--------------------------------------|-------------------------|------|--------------------|------------------------|-----------------------|--------------------|-------------------------|----------------|
|                     |                              |                                      | Barrel O.D.             | L    |                    |                        |                       |                    |                         |                |
| <b>SAR2-4-X</b>     | #2 AWG                       | #4 AWG                               | 0.64                    | 4.25 | Tan                | P50                    | 296                   | 50                 | 2 1/16                  | 10             |
| <b>SAR1/0-2-X</b>   | 1/0 AWG                      | #2 AWG                               | 0.64                    | 4.25 | Tan                | P50                    | 296                   | 50                 | 2 1/16                  | 10             |
| <b>SAR3/0-1/0-5</b> | 3/0 AWG                      | 1/0 AWG                              | 0.91                    | 4.98 | Red                | P71                    | 324                   | 71                 | 2 5/16                  | 5              |
| <b>SAR4/0-2/0-5</b> | 4/0 AWG                      | 2/0 AWG                              | 0.91                    | 5.24 | Red                | P71                    | 324                   | 71                 | 2 3/16                  | 5              |
| <b>SAR350-4/0-2</b> | 350 kcmil                    | 4/0 AWG                              | 1.12                    | 6.63 | Brown              | P87                    | 299                   | 87                 | 3 3/16                  | 2              |
| <b>SAR500-350-2</b> | 500 kcmil                    | 350 kcmil                            | 1.32                    | 8.60 | Pink               | P99                    | 300                   | 99                 | 4 1/4                   | 2              |
| <b>SAR600-500-2</b> | 600 kcmil                    | 500 kcmil                            | 1.49                    | 9.25 | Black              | P106                   | 473                   | 106                | 4                       | 2              |
| <b>SAR750-600-2</b> | 750 kcmil                    | 600 kcmil                            | 1.60                    | 9.88 | Red                | P125                   | 301                   | 115                | 4 7/16                  | 2              |

D1. Terminals

‡See pages D3.86 – D3.87 for tool and die information.

D2. Power Connectors

\*\*Consult cable manufacturer for voltage stress relief instructions with applications greater than 2000 V.

See pages D2.118 for Panduit joint compounds recommended for pad to pad and conductor connections.

D3. Grounding Connectors

E1. Labeling Systems

E2. Labels

E3. Pre-Printed & Write-On Markers

E4. Permanent Identification

E5. Lockout/Tagout & Safety Solutions

F. Index

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