

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

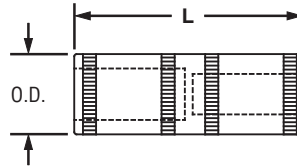
Type SAR

- 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						
SAR2-4-X	#2 AWG	#4 AWG	0.64	4.25	Tan	P50	296	50	2 1/16	10
SAR1/0-2-X	1/0 AWG	#2 AWG	0.64	4.25	Tan	P50	296	50	2 1/16	10
SAR3/0-1/0-5	3/0 AWG	1/0 AWG	0.91	4.98	Red	P71	324	71	2 5/16	5
SAR4/0-2/0-5	4/0 AWG	2/0 AWG	0.91	5.24	Red	P71	324	71	2 3/16	5
SAR350-4/0-2	350 kcmil	4/0 AWG	1.12	6.63	Brown	P87	299	87	3 3/16	2
SAR500-350-2	500 kcmil	350 kcmil	1.32	8.60	Pink	P99	300	99	4 1/4	2
SAR600-500-2	600 kcmil	500 kcmil	1.49	9.25	Black	P106	473	106	4	2
SAR750-600-2	750 kcmil	600 kcmil	1.60	9.88	Red	P125	301	115	4 7/16	2

C4. Cable Management

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