

HUBBELL

Power Systems

Quadrant Strain Clamp - Dual Aluminum Substation Cable Bus

By ANDERSON
Catalog # [AR2025S](#)



The AR1/AR2 are Aluminum Bolted Quadrant Strain Clamps and are designed to be used primarily for deadending aluminum substation cable bus. These clamps are compact for greatest phase clearance.

Features

- Cable clamping range: 1/0 (6/1) to 4/0 (6/1) ACSR {0.365-0.574 in. dia.}
- Ultimate strength is 8,000 lbs.
- The "S" suffix indicates the component will come supplied with socket eye SA06.
- Type AR1 is designed for single cable.
- Material: Body and Keeper – aluminum alloy, Hardware – galvanized steel, Sockets and Clevises – galvanized ductile iron, and Cotter Pin - #302 stainless steel

General

Bolt Installation Torque (Recommended)	240 in-lbs
Fitting Type	Socket
Material - Body	Aluminum Alloy
Material - Hardware	Galvanized Steel
Material - Keeper	Aluminum Alloy
Material - Pin (Cotter)	Stainless Steel
Material - Socket and Clevis	Galvanized Ductile Iron
Product Category	Quadrant
Strength Rating - Ultimate	8000 lb
Body	
Style	AR2
Type	Bolted
U-Bolts	3 in
UPC	096359569541

Dimensions

Clamping - Maximum	0.574 in
Clamping - Minimum	0.365 in
Clevis Opening	0.9375 in
Diameter - Clevis Pin	0.625 in
Dimensions	8.06 in x 0.66 in x 3.17 in
Height	3.17 in
Length	8.06 in
Weight	4 lb
Width	0.66 in

Electrical Ratings

Voltage Application	Standard
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Conductor Related

Clamping Range	0.365- 0.574
Conductor Compatibility	ACSR-Turkey-6-6/1;ACSR-Raven-1/0-6/1;ACSR-Quail-2/0-6/1;ACSR-Pigeon-3/0-6/1;AAC-Poppy-1/0-7;AAC-Aster-2/0-7;AAC-Phlox-3/0-7;AAC-Oxlip-4/0-7;AAC-Valerian-250-19;AAAC 6201 Alloy-Azusa-123.3-6/18;AAAC 6201 Alloy-Anaheim-155.4-6/18;AAAC 6201 Alloy-Amherst-195.7-6/18;AAAC 6201 Alloy-Alliance-246.9-6/18

Certifications And Compliance

Industry Standard(s)	ANSI C119.4
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Product Assets

[Catalogs - Transmission Connectors Catalog - Full Literature - Ropes Course Industry Letter \(April 2021\)](#)
[Video - Bolted Deadend](#)



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