HUBBELL
Power Systems

Quadrant Strain Clamp - Aluminum Substation Cable Bus

By ANDERSON
Catalog # AR1200C

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.

*Representative Image

Features

- Cable clamping range: 1351.5 (45/7) to 1780 (84/19) ACSR {1.412-1.632 in. dia.}
- Ultimate strength is 15,000 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)	720 in-lbs
Catalog Number	AR1200C
EU RoHS Indicator	No
Fitting Type	Clevis
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 Body	15000 lb
Style	AR1
Type	Bolted
U-Bolts	3 in
UPC	096359284611

Dimensions

Clamping - Maximum	1.632 in
Clamping - Minimum	1.411 in
Clevis Opening	0.9375 in
Diameter - Clevis Pin	0.625 in

Height	5 in
Length	12.75 in
Weight	7.7 lb

Electrical Ratings

Voltage Application	Standard

Conductor Related

Clamping Range	1.411- 1.632
Conductor Compatibility	ACSR-Martin-1351.5-54/19;ACSR-Bobolink-1431-45/7;ACSR-Plover-1431-54/19;ACSR-Nuthatch-1510.5-45/7;ACSR-Parrot-1510.5-54/19;ACSR-Lapwing-1590-45/7;ACSR-Falcon-1590-54/19;ACSR-Chukar-1780-84/19;AAC-Gladiolus-1510.5-61;AAC-Coreopsis-1590-61;AAC-Cowslip-2000-91;ACAR-1933-42/19

Certifications And Compliance

Buy America(n) Qualified	Contact Manufacturer
Industry Standard(s)	ANSI C119.4

Logistics

Pallet Quantity	108

Product Assets

Catalogs - Transmission Connectors Catalog - Full
Literature - Ropes Course Industry Letter (April 2021)
Specifications - AR1200C
Video - Bolted Deadend

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