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Product Datasheet

ANDERSON FARGO

LC83A -- Connector, Parallel Groove



Single Center Bolt Aluminum Parallel Groove Connector

Product Specifications

Category Image



Mechanical Connectors
For AL to AL or
AL to CU connections

Series Image (AL Mech)



LC-50 Series
Aluminum Center Bolt Parallel
Groove Connector
For AL to AL or AL to CU
connections

Material

Aluminum

PDF Catalog Page

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Plating

No

Inhibitor

No

AAC 397.5 kcmil (19), AAC 400 kcmil (37), AAC 1/0 str(7) w/Armor Rods, ACSR 336.4 kcmil (30/7), ACSR 1/0 (6/1) w/Armor Rods, AAC 450 kcmil (37) compact, AAC 450 kcmil (37), AAC 477 kcmil (19), AAC 477 kcmil (37), AAC 500 kcmil (19), AAC 500 kcmil (37), AAC 550 kcmil (61), AAC 556.5 kcmil (19), AAC 556.5 kcmil (37), AAC

Run Conductor Size and Type	600 kcmil (37), AAC 600 kcmil (61), AAC 636 kcmil (37), AAC 650 kcmil (61), AAC 650 kcmil (91), AAC 700 kcmil (61), AAC 715.5 kcmil (37), AAC 715.5 kcmil (61), AAC 750 kcmil (61), AAC 795 kcmil (37), AAC 795 kcmil (61), AAC 800 kcmil (61), AAC 874.5 kcmil (37), AAC 874.5 kcmil (61), AAC 900 kcmil (37), AAC 900 kcmil (91), AAC 900 kcmil (61), AAC 954 kcmil (37), AAC 954 kcmil (61), AAC 3/0 str (7) w/Armor Rods, AAC 3/0 str (19) w/Armor Rods, AAC 4/0 str (7) w/Armor Rods, AAC 4/0 str (19) w/Armor Rods, AAC 250 kcmil (19) w/Armor Rods, AAC 250 kcmil (37) w/Armor Rods, AAC 266.8 kcmil (19) w/Armor Rods, AAC 266.8 kcmil (37) w/Armor Rods, AAC 300 kcmil (37) w/Armor Rods, AAC 300 kcmil (61) w/Armor Rods, AAC 336.4 kcmil (19) w/Armor Rods, AAC 350 kcmil (19) w/Armor Rods, AAC 350 kcmil (37) w/Armor Rods, AAAC 466.3 kcmil str (19), AAAC 559.6 kcmil str (19), AAAC 652.8 kcmil str (19), AAAC 740.8 kcmil str (37), AAAC 746.1 kcmil str (37), AAAC 927.2 kcmil str (37), AAAC 932.6 kcmil str (37), AAAC 2/0 str(7) w/Armor Rods, AAAC 3/0 str(7) w/Armor Rods, AAAC 4/0 str(7) w/Armor Rods, AAAC 307.1 kcmil str (19) w/Armor Rods, AAAC 312.8 kcmil str (19) w/Armor Rods, ACSR 397.5 kcmil (18/1), ACSR 397.5 kcmil (24/7), ACSR 397.5 kcmil (26/7), ACSR 397.5 kcmil (30/7), ACSR 477.0 kcmil (18/1), ACSR 477.0 kcmil (24/7), ACSR 477.0 kcmil (26/7), ACSR 556.5 kcmil (18/1), ACSR 477.0 kcmil (30/7), ACSR 556.5 kcmil (24/7), ACSR 556.5 kcmil (26/7), ACSR 605.0 kcmil (26/7), ACSR 636.0 kcmil (36/1), ACSR 636.0 kcmil (18/1), ACSR 605.0 kcmil (24/7), ACSR 556.5 kcmil (30/7), ACSR 605.0 kcmil (26/7), ACSR 636.0 kcmil (24/7), ACSR 636.0 kcmil (26/7), ACSR 605.0 kcmil (30/19), ACSR 666.6 kcmil (24/7), ACSR 666.6 kcmil (26/7), ACSR 636.0 kcmil (30/19), ACSR 715.5 kcmil (24/7), ACSR 795.0 kcmil (36/1), ACSR 715.5 kcmil (26/7), ACSR 795.0 kcmil (45/7), ACSR 715.5 kcmil (30/19), ACSR 795.0 kcmil (24/7), ACSR 795.0 kcmil (54/7), ACSR 795.0 kcmil (26/7), ACSR 2/0 (6/1) w/Armor Rods, ACSR 101.8 kcmil (12/7) w/Armor Rods, ACSR 110.8 kcmil (12/7) w/Armor Rods, ACSR 3/0 (6/1) w/Armor Rods, ACSR 134.6 kcmil (12/7) w/Armor Rods, ACSR 4/0 (6/1) w/Armor Rods, ACSR 159.0 kcmil (12/7) w/Armor Rods, ACSR 176.9 kcmil (12/7) w/Armor Rods, ACSR 266.8 kcmil (18/1) w/Armor Rods, ACSR 190.8 kcmil (12/7) w/Armor Rods, ACSR 266.8 kcmil (6/7) w/Armor Rods, ACSR 266.8 kcmil (26/7) w/Armor Rods, ACSR 211.3 kcmil (12/7) w/Armor Rods, ACSR 300.0 kcmil (26/7) w/Armor Rods, ACSR 336.4 kcmil (18/1) w/Armor Rods, ACSR 203.2 kcmil (16/19) w/Armor Rods, ACAR 503.6 kcmil (15/4), ACAR 587.2 kcmil (15/4), ACAR 649.5 kcmil (18/19), ACAR 653.1 kcmil (12/7), ACAR 739.8 kcmil (18/19), ACAR 853.7 kcmil (30/7), ACAR 853.7 kcmil (24/13), ACAR 927.2 kcmil (24/13), ACAR 1277.0 kcmil (54/7), AAC 600 kcmil (61) compact, AAC 750 kcmil (61) compact, AAC 800 kcmil (61) compact, AAC 900 kcmil (61) compact, AAC 1000 kcmil (61) compact
Tap Conductor Size and Type	AAC 8 sol, AAC 7 sol, AAC 6 sol, AAC 5 sol, AAC 4 sol, AAC 3 sol, AAC 6 str (7), AAC 4 str (7), AAC 3 str (7), AAC 2 str (7), AAAC 6 str(7), AAAC 5 str(7), AAAC 4 str(7), AAAC 3 str(7), AAAC 2 str(7), ACSR 6 (6/1), ACSR 4 (6/1), ACSR 4 (7/1), ACSR 2 (6/1), ACSR 2 (7/1), Cu 8 sol, Cu 8 str (7), Cu 6 sol, Cu 6 str (7), Cu 4 sol, Cu 4 str (7), Cu 2 sol, Cu 1 sol, Cu 2 str (7), Cu 1/0 sol, Cu 9 sol w/Armor Rods, AAC 8 str (7) compact, AAC 6 str (7) compact, AAC 4 str (7) compact, AAC 2 str (7) compact, AAC 1 str (19) compact, AAC 1 str (7), AAC 1 str (19), AAC 1/0 str (7), AAC 1/0 str (19), AAAC 1 str(7), AAAC 1/0 str(7), ACSR 1 (6/1), ACSR 1/0 (6/1), Cu 1 str (7), Cu 1 str (19), Cu 2/0 sol, Cu 1/0 str (7), Cu 1/0 str (19), Cu 8 sol w/Armor Rods, Cu 8 str (7) w/Armor Rods, Cu 6 sol w/Armor Rods, Cu 6 str (7) w/Armor Rods, AAC 1/0 str (19) compact, AAC 2/0 str (19) compact, AAC 2/0 str (7), AAC 2/0 str (19), AAC 6 sol w/Armor Rods, AAC 5 sol w/Armor Rods, AAC 6 str (7) w/Armor Rods, AAC 4 sol w/Armor Rods, AAAC 6 str(7) w/Armor Rods, ACSR 2/0 (6/1), ACSR 6 (6/1) w/Armor Rods, Cu 3/0 sol, Cu 2/0 str (7), Cu 2/0 str (19), Cu 4 sol w/Armor Rods, Cu 4 str (7) w/Armor Rods, AAC 3/0 str (19) compact
Run Conductor Minimum Size	.727 in
Run Conductor Maximum Size	1.126 in
Tap Conductor Minimum Size	.128 in
Tap Conductor Maximum Size	.447 in
Run Conductor Type	AAAC, AAC, ACAR, ACSR, Compact
Tap Conductor Type	AAAC, AAC, ACAR, ACSR, Compact, CU
Style	Single Center Bolt
Cover Available	No
UL Listed	No
Body Material	AL Alloy
Body and Keeper Material	AL Alloy
Body Members Material	AL Alloy
Body Halves Material	AL Alloy

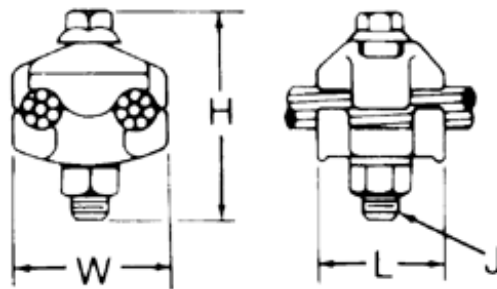
Bolt Material	Galvanized Steel
Casting Material	AL Alloy
Bottom Member Material	AL Alloy
Hardware Material	Galvanized Steel
Dimension H	2.75 in (70 mm)
Dimension J	0.50 in (13 mm)
Dimension L	1.50 in (38 mm)
Dimension W	2.53 in (64 mm)
Bolt Size	0.50 in (13 mm)
Bolt Head	Round w/Sq Shank
Bolt Diameter	0.50 in (13 mm)
Material Type	Non-Standard
UPC Code	09635932006
Standard Package	1
Standard Package Unit	Each
Min Order Qty	1
Weight / Ea.	0.49 lbs

Notes

For AL to AL and AL to CU splice/tap connections.

Compressed Product Number

LC83A



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NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.