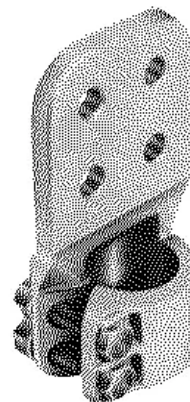


# FD685D12, Substation - Copper Stud Connector

By Burndy  
Catalog # [FD685D12](#)

Stud connector, 4 Holes, 2100 AMP Nominal, 2 1/4"-12 Stud, 9/16" pad holes, 1-3/4" Spacing, 7.77"length, 4"width, Stud to Flat Bar.



## Application

Substation

## General

Catalog Number	FD685D12
Connector Type	Stud Connector
Material	Copper Alloy
Material - Hardware	DURIUM™ Silicon Bronze
Physical Attribute - Number of Holes	4
Physical Attribute - Pad Configuration	4x4 - 4 holes
Physical Attribute - Pad Orientation	In-line
Plated	N
Plating Type	Unplated
Type	Studs
UPC	781810003329
UPC 12 Digit	7818100033299

## Dimensions

Dimension - B Length fraction	2-1/2 in
Dimension - B Length inch	2.50 in
Dimension - Bolt Size fraction	1/2
Dimension - D inch	4.00 in
Dimension - F Width Center to Center inch	1.75 in
Dimension - Height mm	0 mm
Dimension - L Length Overall mm	197 mm
Dimension - Length Overall inch	7.77 in
Dimension - N inch	1.12 in
Dimension - Pad Width inch	4.00 in

Dimension - Pin Diameter fraction	2-1/4 in
Dimension - Pin Diameter inch	2.250 in
Dimension - Thread Size	1/2-12
Dimension - Threads per inch	12

## Electrical Ratings

Amperage Rating	2100 A
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## Conductor Related

Conductor - Connection Combination	Stud to Pad
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## Certifications And Compliance

Certification - CSA Approved	No
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Standards - RoHS Compliance Status	EX
UL Listed	No

## Logistics

Minimum Pack Quantity	2
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## Product Assets

- [Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)
- [Catalogs - BURNDY Master Catalog - Section L - Bolted Substation](#)
- [Customer Notices - Prop 65 Notice](#)
- [Interactive Catalog - BURNDY Full-Line Digital Catalog](#)
- [Product Cross Section Image\(s\) - BUR\\_FD\\_LineArt](#)
- [Sales Drawings - SD079583](#)
- [Specifications - FD685D12](#)