



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

Features

- High copper alloy stud connector allows bolting cable and tubing terminals to equipment studs
- Hex head captured bolts provide one-wrench installation
- One pad contact surface is on centerline of stud, pad is finished on both sides, all pads are 4-hole NEMA drilling

Application

Substation

Specifications

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

Conductor

Conductor - Connection Combination	Stud to Pad
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Configuration

Physical Attribute - Pad Orientation	In-line
Physical Attribute - Pad Configuration	4x4 - 4 holes
Physical Attribute - Number of Holes	4
Connector Type	Stud Connector

Current



Amperage Rating	2100 A
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Dimensions

Dimension - Pin Diameter inch	2.250 in
Dimension - Pin Diameter fraction	2-1/4 in
Dimension - Pad Width inch	4.00 in
Dimension - Height mm	0 mm
Dimension - Bolt Size fraction	1/2
Dimension - B Length fraction	2-1/2 in
Dimension - F Width Center to Center inch	1.75 in
Dimension - L Length Overall mm	197 mm
Dimension - B Length inch	2.50 in
Dimension - D inch	4.00 in
Dimension - N inch	1.12 in
Dimension - Thread Size	1/2-12
Dimension - Threads per inch	12
Dimension - Length Overall inch	7.77 in

General

Plated	N
Material - Hardware	DURIUM™ Silicon Bronze
UPC	781810003329
Type	Studs
Material	Copper Alloy
Plating Type	Unplated
UPC 12 Digit	781810003329
UPC 14 Digit GTIN	00781810003329

Product Assets

[Catalog \[English\]](#)