



# FD70D8, Substation - Copper Stud Connector

By Burndy  
Catalog # [FD70D8](#)

Stud connector, 4 Holes, 1450 AMP Nominal, 3"- 12 Stud, 9/16"pad holes, 8.28"length, 4"width, Stud to Flat Bar.



## Application

Substation

## General

|  |                        |
|--|------------------------|
| 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                                    | 781810003664           |
| UPC 12 Digit                           | 7818100036644          |

## Dimensions

|   |          |
|---|----------|
| Dimension - B Length fraction             | 2.88 in  |
| Dimension - B Length inch                 | 2.88 in  |
| Dimension - Bolt Size fraction            | 5/8      |
| Dimension - D inch                        | 4.00 in  |
| Dimension - F Width Center to Center inch | 1.75 in  |
| Dimension - L Length Overall mm           | 210 mm   |
| Dimension - Length Overall inch           | 8.28 in  |
| Dimension - N inch                        | 1.13 in  |
| Dimension - Pad Width inch                | 4.00 in  |
| Dimension - Pin Diameter fraction         | 3 in     |
| Dimension - Pin Diameter inch             | 3.000 in |
| Dimension - Thread Size                   | 5/8-12   |
| Dimension - Threads per inch              | 12       |

## Electrical Ratings

Amperage Rating 1450 A

## Conductor Related

Conductor - Connection Combination Stud to Pad

## 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 1

## Product Assets

[Customer Notices - Prop 65 Notice](#)  
[Sales Drawings - SD079583](#)



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