

Power Feed Through Terminal Blocks

Series C7021

Specifications

Description: Power feed through terminal block with two rows 1/4-20 studs capable of accommodating the industry standard two-hole compression lugs on both studs in parallel.



Ratings:

Volts: — 300V

Amps: — 115/175A* per pole

Center Spacing: 0.690" (17.5mm).

Wire Range: AWG #2/0-8.

Poles: 2- to 6-poles.

Bolt Hole Spacing: 0.625" or 5/8" (15.88mm).

Stud: Standard 1/4-20 stud (tin-plated brass) or optional M6 stud.

Mounting: #6 thread cutting screws (not included) or optional mounting ears.

Torque Rating: 36 lb-in.

Operating Temperature: 130°C.

Agency Information: UL/CSA; CE Certified.

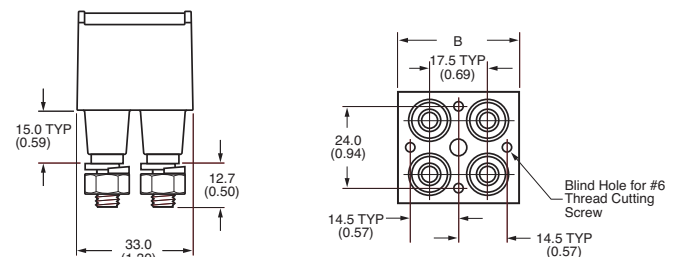
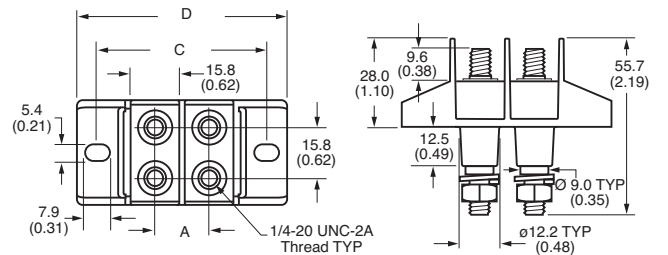
*175 achieved using both studs in parallel, 115A using a single stud per line.

Typical Applications

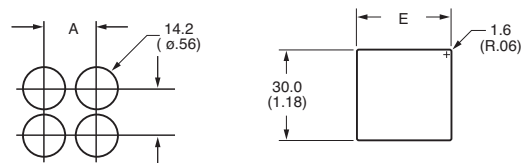
- Applications requiring up to 175A utilizing a 2-hole compression lug on 5/8" centers
- Input/output block for telecommunications power panels
- Use to eliminate busbars

Dimensions - in (mm)

Catalog Numbers	A	B	C	D	E
C7021-01-X					
C7021-02-X	17.5 (0.69)	-	54.4 (2.14)	67.3 (2.65)	31.8 (1.25)
C7021-03-X	34.9 (1.37)	-	70.9 (2.83)	84.8 (3.34)	49.2 (1.94)
C7021-04-X	52.3 (2.06)	-	89.3 (3.52)	102.2 (4.02)	66.7 (2.63)
C7021-05-X	69.8 (2.75)	-	106.8 (4.20)	119.7 (4.71)	84.2 (3.31)
C7021-06-X	87.2 (3.44)	-	124.2 (4.89)	134.1 (5.40)	101.7 (4.00)
C7021-01N-X					
C7021-02N-X	17.5 (0.69)	36.1 (1.42)	-	-	31.8 (1.25)
C7021-03N-X	34.9 (0.69)	53.5 (2.11)	-	-	49.2 (1.94)
C7021-04N-X	52.3 (2.06)	71.0 (2.80)	-	-	66.7 (2.63)
C7021-05N-X	69.8 (2.75)	88.4 (3.48)	-	-	84.2 (3.31)
C7021-06N-X	87.2 (3.44)	105.9 (4.17)	-	-	101.7 (4.00)



Panel Cutouts



Catalog Number Build-A-Code

Series	Poles	Mount Ends	Studs	Hardware
C7021	- ☐ ☐	☐	☐ ☐	- ☐
	01 = 1-Pole (2 studs) 02 = 2-Pole (4 studs) 03 = 3-Pole (6 studs) 04 = 4-Pole (8 studs) 05 = 5-Pole (10 studs) 06 = 6-Pole (12 studs)	Blank = Mount ends N = No mount ends	Blank = Standard M6 = M6 Studs	Blank = No hardware 0 = Bulk pack, one set 1 = Bulk pack, two sets 2 = Assembled, bottom 3 = Assembled, top 4 = Assembled, both sets

Mouser Electronics

Authorized Distributor

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Eaton:

[C7021-02](#) [C7021-02N](#) [C7021-04](#) [C7021-05](#) [C7021-06](#) [C7021-06N](#) [C7021-04N](#) [C7021-03](#) [C7021-02-1](#) [C7021-02-](#)
[2](#) [C7021-02N-1](#) [C7021-04N-4](#) [C7021-02N-2](#) [C7021-02N-M6-4-R](#) [C7021-06M6-4](#) [C7021-02N-M6-2](#) [C7021-04N-4-R](#)
[C7021-01N](#) [C7021-02N-4](#) [C7021-06-2](#) [C7021-06M6-2](#) [C7021-02N-M6-4](#) [C7021-01](#) [C7021-02NM6](#) [C7021-06NM6](#)