

Power distribution, splicer terminal, connector-stud and stud-stud power blocks



Specifications:

Ratings

- Volts
 - 600Vac/dc
- Amps
 - 115-760A
- SCCR
 - 10kA (except for select products noted)

Agency information

- UL® Recognized, Guide XCFR2, File E62622
- CSA® Certified, Class 6228-01, File 15364

Catalog symbols:

- 160_
- 162_
- 163_
- 165_

Description:

A range of power distribution blocks, splicer blocks, connector-to-stud and stud-to-stud blocks. Offered in configurations of 1-, 2-, 3-, and 4-poles, the Bussmann® series portfolio of distribution blocks offer an array of wiring options for multiple applications. Optional covers available for most configurations. See page 3 for more information. Dimensions available on page 4.



Catalog numbers – power distribution blocks:

Basic catalog number	Available poles	Connection		Connector material and amps	UL	CSA
		Lineside	Loadside			
16021	2, 3, 4	2/0 - #14CU, 2/0 - #8AL	(6) #4 - #14CU, #4 - #8AL	AL-175A	•	•
16023	2, 3, 4	350kcmil - #6CU-AL	(6) #4 - #14CU, #4 - #12AL	AL-310A	•	•
16220*	1, 2, 3	2/0 - #14CU, 2/0 - #8AL	(4) #4 - #14CU, #4 - #8AL	AL-175A	•	•
16321*	1, 2, 3	2/0 - #14CU, 2/0 - #8AL	(6) #4 - #14CU, #4 - #8AL	AL-175A	•	•
16323*	1, 2, 3	350kcmil - #6CU-AL	(6) #4 - #14CU, #4 - #12AL	AL-310A	•	•
16325	1, 2, 3	(2) 2/0 - #14CU, 2/0 - #8AL	(6) #4 - #14CU, #4 - #8AL	AL-350A	•	•
16330	1, 2, 3	500kcmil - #6CU-AL	(6) #2 - #14CU, #2 - #12AL	AL-380A	•	•
16332	1, 2, 3	350kcmil - #6CU-AL	(3) #2 - #14CU, #2 - #8AL	AL-310A	•	•
			(2) 1/0 - #14CU, 1/0 - #8AL			
16335	1, 2, 3	500kcmil - #6CU-AL	(3) #2 - #14 CU, #2 - #8AL	AL-380A	•	•
			(2) 1/0 - #14CU, 1/0 - #8AL			
16370*	1, 2, 3	350kcmil - #6CU-AL	(12) #4 - #14CU, #4 - #12AL	AL-310A	•	•
16371*	1, 2, 3	350kcmil - #6CU-AL	(6) #2 - #14CU, #2 - #8AL	AL-310A	•	•
			(3) 1/0 - #14CU, 1/0 - #8AL			
16372	1, 2, 3	350kcmil - #6CU-AL	(21) #10 - #14CU, #10AL	AL-310A	•	•
16373	1, 2, 3	350kcmil - #6CU-AL	(3) 1/0 - #14CU-AL	AL-310A	•	•
			(14) #10 - #14CU, #10AL			
16375	1, 2, 3	600kcmil - #2CU-AL	(12) #4 - #14CU, #4 - #12AL	AL-420A	•	•
16376	1, 2, 3	600kcmil - #2CU-AL	(6) #2 - #14CU, #2 - 8AL	AL-420A	•	•
			(3) 1/0 - #14CU, 1/0 - #8AL			
16377	1, 2, 3	(2) 300kcmil - #4CU-AL	(12) #4 - #14CU, #4 - #12AL	AL-570A	•	•
16528	1, 2, 3	(2) 600kcmil - #2CU-AL	(4) 3/0 - #6CU-AL	AL-840A	•	•
			(4) #4 - #14CU-AL			
16530	1, 2, 3	(2) 500kcmil - #6CU-AL	(12) #4 - #14CU-AL	AL-760A	•	•
16541	1, 2, 3	500kcmil - #6CU-AL	(21) #6 - #14CU-AL	AL-380A	•	•

*SCCR up to 200kA. See data sheet No. 1049 for more information.

Catalog number system example:

A 3-pole, 16023 is 16023-3. The lineside of the device has (1) conductor opening per pole that accepts 350kcmil - #6 Cu/Al. The loadside of the device has (6) conductor openings per pole that each accepts #4 - #14Cu or #4 - #12Al.



Catalog numbers – splicer terminal blocks:

Basic catalog number	Available poles	Connection		Connector material and amps	UL	CSA
		Lineside	Loadside			
16000	2, 3, 4	2/0 - #8CU-AL	2/0 - #8CU-AL	AL-175A	•	—
16003	2, 3, 4	250kcmil - #6CU only	250kcmil - #6CU only	CU-255A	•	—
16005	2, 3, 4	350kcmil - #6CU-AL	350kcmil - #6CU-AL	AL-310A	•	—
16200	1, 2, 3	#2 - #14CU, #2 - #8AL	#2 - #14CU, #2 - #8AL	AL-115A	•	—
16201	1, 2, 3	1/0 - #14CU Only	1/0 - #14CU Only	CU-150A	•	—
16204*	1, 2, 3	2/0 - #8CU-AL	2/0 - #8CU-AL	AL-175A	•	•
16301	1, 2, 3	250kcmil - #6CU only	250kcmil - #6CU only	CU-255A	•	•
16303	1, 2, 3	350kcmil - #6CU-AL	350kcmil - #6CU-AL	AL-310A	•	•
16306	1, 2, 3	(1) 500kcmil - #6CU-AL	(1) 500kcmil - #6CU-AL	AL-380A	•	•
16500	1, 2, 3	(2) 350kcmil - #4CU-AL	(2) 350kcmil - #4CU-AL	AL-620A	•	•
16504	1, 2, 3	(2) 500kcmil - #6CU-AL	(2) 500kcmil - #6CU-AL	AL-760A	•	•

*SCCR up to 200kA. See data sheet No. 1049 for additional information.



Catalog numbers - connector-stud and stud-stud terminal blocks:

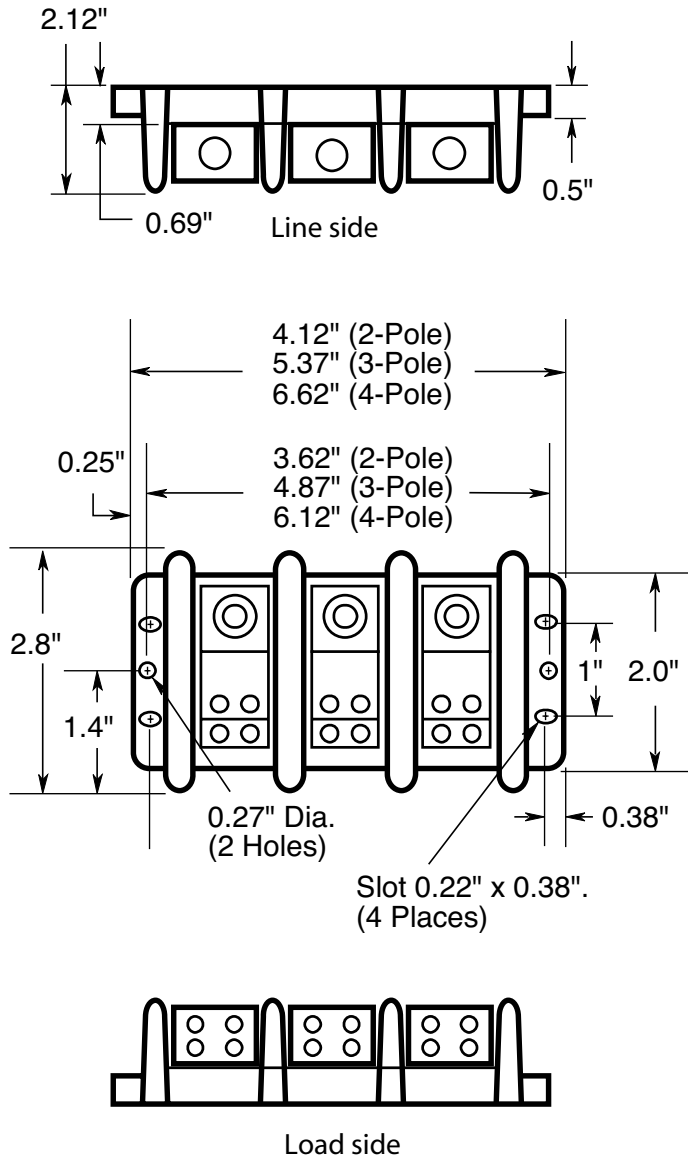
Basic catalog number	Available poles	Connection		Connector material and amps	UL	CSA
		Lineside	Loadside			
Connector – stud						
16280*	1, 2, 3	2/0 - #14CU-AL	¼ - 20 x 3/4 stud	AL-175A	•	•
16281	1, 2, 3	2/0 - #14CU-AL	¼ - 20 tapped hole	AL-175A	•	—
16378	1, 2, 3	500kcmil - #6CU-AL	(2) 1/4 - 20 x 1 stud	AL-380A	•	•
16383	1, 2, 3	500kcmil - #6CU-AL	(1) 3/8 - 16 x 1 stud	AL-380A	•	•
16582	1, 2, 3	(2) 500kcmil - #6CU-AL	(2) 3/8 - 16 x 1-5/8 stud	AL-760A	•	•
Stud – stud						
16290	1, 2, 3	1/4 - 20 x 3/4 stud	1/4 - 20 x 3/4 stud	CU-150A	•	—
16390	1, 2, 3	3/8 - 16 x 1-1/8 stud	3/8 - 16 x 1-1/8 stud	CU-250A	•	•
16394	1, 2, 3	1/2 - 13 x 1-1/16 stud	1/2 - 13 x 1-1/16 stud	CU-400A	•	•
16395	1, 2, 3	3/8 - 16 x 1-7/16 stud	(2) 1/4 - 20 x 9/16 stud	CU-310A	•	•
16591	1, 2, 3	3/8 - 16 x 1-7/16 stud	(2) 3/8 - 16 x 1-7/16 stud	CU-400A	•	•
16593	1, 2, 3	1/2 - 13 x 1 stud	1/2 - 13 x 1 stud	CU-600A	•	•

*SCCR up to 200kA.

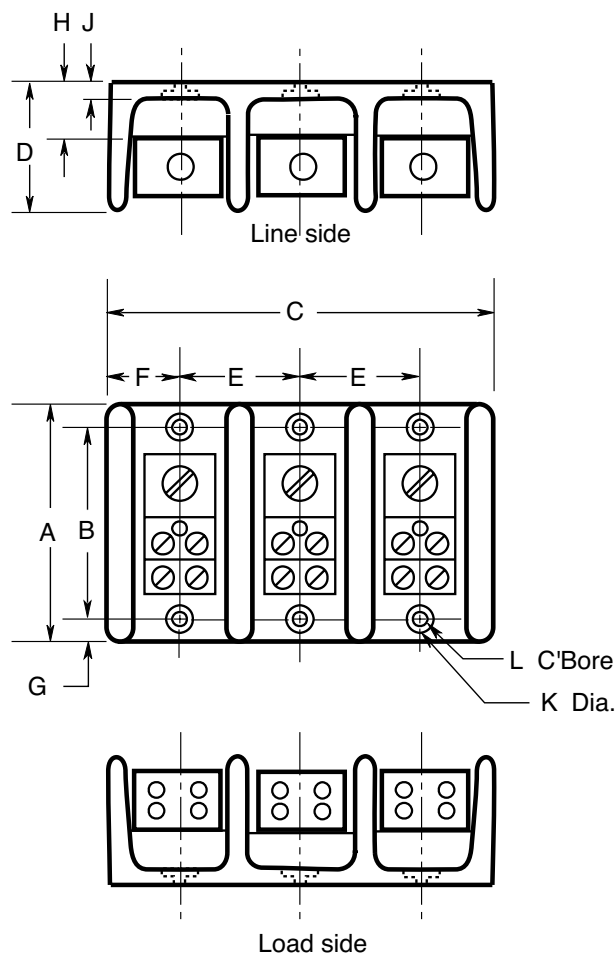
Dimensions -in:

160_ product bases have mounting holes outside the barriers.
Other bases (162_ through 165_) have mounting holes within
barriers. See dimensional drawings.

160_ (available 2, 3, and 4 pole)



162_, 163_, and 165_ (available 1, 2, and 3 pole)



Dimensions for 162_, 163_, and 165_ blocks – in:

Cat. No. prefix	A	B	C (poles)			D	E	F	G	H	J	K	L
			1	2	3								
162_	2.88	2.25	1.07	1.88	2.70	1.75	0.81	0.53	0.31	0.84	0.31	0.20	0.41
163_	4.0	3.38	1.98	3.60	5.21	3.32	1.62	0.99	0.31	0.87	0.35	Slot 0.20 W x 0.41 L	Slot 0.42 W x 0.62 L
165_	5.5	4.75	3.10	5.79	8.48	2.93	2.69	1.55	0.38	1.19	0.44	Slot 0.20 W x 0.33 L	Slot 0.41 W x 0.53 L

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