CH160 Series—Power Terminal Blocks

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CH160 Series—Power Terminal Blocks

Product Description

The CH160 Series of Power Terminal Blocks are UL 1059 recognized power terminal blocks for branch circuit applications. All short circuit current ratings (SCCR) are 10 kA per UL 508A Table SB4.1. The blocks are available in a wide variety of wiring configurations, providing excellent flexibility.

Features and Benefits

- Ratings: To 840A, 600V
- Materials
  - Molded material; black, UL rated 94V-0 thermoplastic
- Operating temperature: 302°F (150°C)
- Optional cover: See **Page V7-T8-125**

Standards and Certifications

- UL Recognized
- CSA Certified

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Product Selection

When Ordering, Specify

- Catalog number
- Number of poles (up to three-pole available)

CH160 Power Terminal Blocks—CH162 Series

Line Connection	Load Connection	Connector Material and Ampacity	Catalog Number ①
#2–#14 Cu/#8 Al	#2–#14 Cu/#8 Al	Al 115A	**CH16200_**
1/0–#14 Cu	1/0–#14 Cu	Cu 150A	**CH16201_**
2/0–#8 Cu/Al	2/0–#8 Cu/Al	Al 175A	**CH16204_**
2/0–#14 Cu/#8 Al	(4) #4–#14 Cu/#8 Al	Al 175A	**CH16220_**

CH160 Power Terminal Blocks—CH163 Series

Line Connection	Load Connection	Connector Material and Ampacity	Catalog Number ①
250 kcmil-#6 Cu	250 kcmil-#6 Cu	Cu 255A	**CH16301_**
350 kcmil-#6 Cu/Al	350 kcmil-#6 Cu/Al	Al 310A	**CH16303_**
500 kcmil-#6 Cu/Al	500 kcmil-#6 Cu/Al	Al 380A	**CH16306_**
2/0–#14 Cu/Al	(6) #4–#14 Cu/#8 Al	Al 175A	**CH16321_**
350 kcmil-#6 Cu/Al	(6) #4–#14 Cu/#8 Al	Al 310A	**CH16323_**
(2) 2/0–#14 Cu/#8 Al	(6) #4–#14 Cu/#8 Al	Al 350A	**CH16325_**
500 kcmil-#6 Cu/Al	(6) #2–#14 Cu/#8 Al	Al 380A	**CH16330_**
350 kcmil-#6 Cu/Al	(3) #2–#14 Cu/#8 Al	Al 310A	**CH16332_**
	(2) 1/0–#14 Cu/#8 Al	Al 310A	**CH16332_**
350 kcmil-#6 Cu/Al	(12) #4–#14 Cu/#8 Al	Al 310A	**CH16370_**
350 kcmil-#6 Cu/Al	(6) #2–#14 Cu/#8 Al	Al 310A	**CH16371_**
	(3) 1/0–#14 Cu/#8 Al	Al 310A	**CH16371_**
350 kcmil-#6 Cu/Al	(21) #10–#14 Cu/#10 Al	Al 310A	**CH16372_**
350 kcmil-#6 Cu/Al	(3) 1/0–#14 Cu/#8 Al	Al 310A	**CH16373_**
	(14) #10–#14 Cu/#8 Al	Al 310A	**CH16373_**
600 kcmil-#2 Cu/Al	(12) #4–#14 Cu/#8 Al	Al 420A	**CH16375_**
600 kcmil-#2 Cu/Al	(6) #2–#14 Cu/#8 Al	Al 420A	**CH16376_**
	(3) 1/0–#14 Cu/#8 Al	Al 420A	**CH16376_**

CH160 Power Terminal Blocks—CH165 Series

Line Connection	Load Connection	Connector Material and Ampacity	Catalog Number ①
(2) 350 kcmil-4 Cu/Al	(2) 350 kcmil-4 Cu/Al	Al 620A	**CH16500_**
(2) 500 kcmil-#6 Cu/Al	(2) 500 kcmil-#6 Cu/Al	Al 760A	**CH16504_**
(2) 600 kcmil-#2 Cu/Al	(4) 3/0–#8 Cu/Al	Al 840A	**CH16528_**
	(4) #4–#14 Cu/#8 Al	Al 840A	**CH16528_**
(2) 500 kcmil-#6 Cu/Al	(12) #4–#14 Cu/#8 Al	Al 760A	**CH16530_**

Note

① Incomplete catalog number—add code suffix **-1**, **-2**, **-3** for number of poles.
Example: For a 150A 1/0-#14 Cu to 1/0-#14 Cu three-pole PDB, order CH16201-**3**.

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Technical Data and Specifications

CH160 Power Terminal Blocks

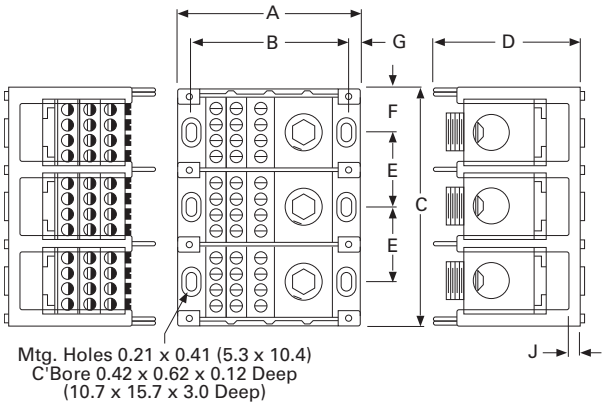
Description	Specification
Ratings	To 840A, 600V
Materials	Molded material; black, UL rated 94V-0 thermoplastic
Operating temperature	302°F (150°C)

Note: For optional cover, see Power Terminal Block Accessories, **Page V7-T8-126**.

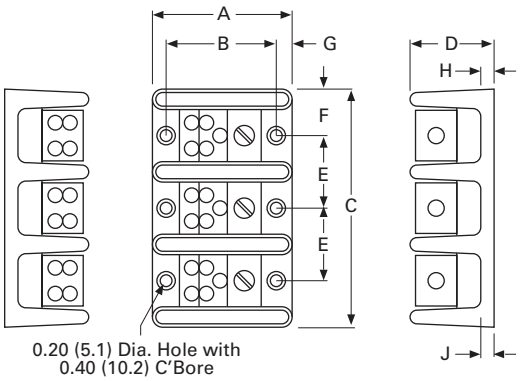
Dimensions

Approximate Dimensions in Inches (mm)

Series CH163 (Single-, Two- and Three-Pole Available)



Series CH162 and CH165 (Single-, Two- and Three-Pole Available)



CH160 Power Terminal Block Dimensions

Series	A	B	C Single-Pole	C Two-Pole	C Three-Pole	D	E4	F	G	H	J
CH162	2.87 (72.9)	2.25 (57.2)	1.06 (26.9)	1.87 (47.5)	2.68 (68.1)	1.75 (44.5)	0.81 (20.6)	0.53 (13.5)	0.31 (7.9)	0.84 (21.3)	0.31 (7.9)
CH163	4.00 (101.6)	3.37 (85.6)	1.96 (49.8)	3.58 (90.9)	5.20 (132.1)	3.32 (84.3)	1.62 (41.1)	0.97 (24.6)	0.31 (7.9)	0.87 (22.1)	0.35 (8.9)
CH165	5.50 (139.7)	4.75 (120.7)	3.12 (79.2)	5.81 (147.6)	8.50 (215.9)	3.12 (79.2)	2.68 (68.1)	1.56 (39.6)	0.37 (9.4)	1.37 (34.8)	0.62 (15.7)

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