

Product Data Sheet



141X400

Replace "X" with 1, 2, 3 or 4 for number of poles

Distribution Power Block 115 Amps, 600 Volts (AC/DC)



Wire Range:

Line side: (1) #2 - #14 AWG

Load Side: (4) #10- #18 AWG

See tables below for SCCR wire ranges, flexible stranded and multiple wire approvals.

Electrical Ratings:

- 115A copper wire, 90A aluminum wire (Based on NEC Table 310-16, 75°C columns)
- 600 Volts AC/DC (UL 1059 Class C, User Group - General Industrial)
- Factory and Field Wiring

Short Circuit Current Ratings (Copper wire only):

Suitable (kcmil/AWG)		Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR, RMS SYM Amps	Volts Max
Line	Load	J	T	RK1	RK5	G	CC		
2 - 6	10 - 14	200	200	200	100	60	30	200,000	600
8 - 10	10 - 14	100	100	100	30	60	30	100,000	600

Line	Load	Overcurrent Protection Circuit Breaker Required			SCCR, RMS SYM Amps	Volts Max
		MFR	Type	Max Amp		
2 - 6	10	Square D	JDL36250	250	18,000	480
		Square D	JGL36250	250	35,000	480
		Square D	JJL36250	250	65,000	480
		Square D	JLL36250	250	65,000	480
8 - 10	14	Square D	JDL36250	250	18,000	480
		Square D	JGL36250	250	35,000	480
		Square D	JJL36250	250	65,000	480
		Square D	JLL36250	250	65,000	480
		Square D	HDL36100	100	18,000	480
		Square D	HGL36100	100	35,000	480
		Square D	HJL36100	100	65,000	480
		Square D	HLL36100	100	65,000	480

		Overcurrent Protection Circuit Breaker Required			SCCR, RMS SYM Amps	Volts Max
Line	Load	MFR	Type	Max Amp		
2 - 10	10 - 14	Allen Bradley	14OU-H3C3	125	25,000	480
		Allen Bradley	14OU-H6C3	125	25,000	480

Mechanical Ratings:

- Maximum insulator base temperature: 125 °C (257 °F) UL RTI
- Storage and transportation temperature range: -35 °C to 110 °C (-31 °F to 230 °F)
- Flammability rating of insulator base: UL 94 V-0

Materials:

- Connector: High conductivity aluminum, tin plated
- Insulator base: glass filled polycarbonate (thermoplastic)
- Terminal set screws: Steel, nickel plated
- Connector mounting screws: Steel, zinc plated

Agency Approvals:

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.E62806
- CSA Certified, CSA C22.2 No. 158, File No. LR19766 (Wire Classes B & C only)
- CE compliant to IEC 60947-7-1
- RoHS Compliant



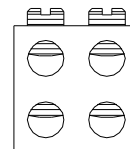
Wire Approvals:

Line Side Wire Approvals:

		Copper Wire Stranding Classes - Number of Strands						
Wire Size	Torque	Solid	Class B	Class C	Class G	Class H	Class I	Class K
2 AWG	50 in. lbs		7	19				
4	45 in. lbs		7	19	~ 49	~ 133	~ 105	~ 420
6	45 in. lbs		7	19	~ 49	~ 133	~ 63	~ 266
8	40 in. lbs		7	19	~ 49	~ 133	~ 41	~ 168
10	35 in. lbs	1	7	19			~ 27	~ 104
12	35 in. lbs	1	7	19			~ 19	~ 65
14	35 in. lbs	1	7	19			~ 19	~ 41

~Quantity of strands for Classes G, H, I, K may vary by manufacturer.

Aluminum stranded wire range: #2 – #12 AWG



Load Side Wire Approvals:

		Copper Wire Stranding Classes - Number of Strands						
Wire Size	Torque	Solid	Class B	Class C	Class G	Class H	Class I	Class K
10 AWG	7 in. lbs	1	7	19			27	104
12	7 in. lbs	1	7	19			19	65
14	7 in. lbs	1	7	19			(1-2)* 19	(1-2)* 41
16	7 in. lbs	1	7	19				(1-2)* 26
18	7 in. lbs	1	7	19				(1-2)* 16

~ Quantity of strands for Classes G, H, I, K may vary by manufacturer.

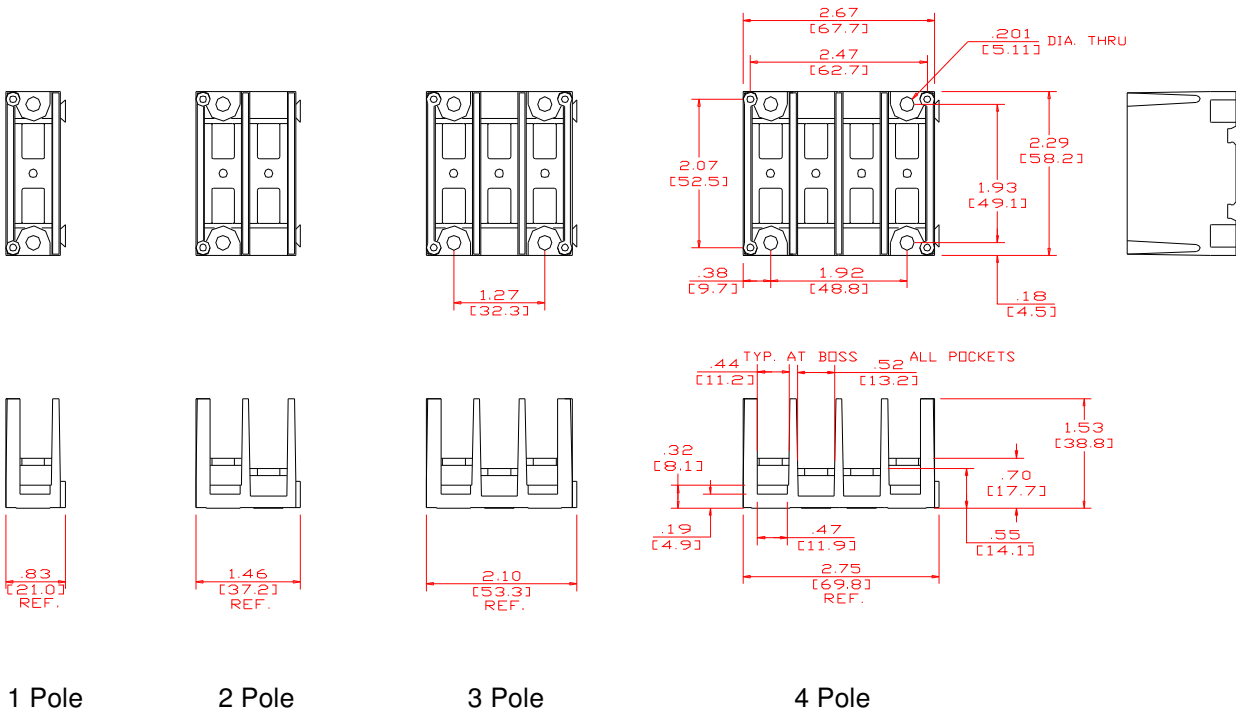
* Multiple conductor approvals for **LOAD** side only. (copper wire only)

Aluminum stranded wire range: #10 – #18

- Wire strip length, line side tap – 1/2"
- Wire strip length, load side tap, top row – 3/8", bottom row – 5/8"
- Terminal Set Screws: slotted
- Panel mountable: #10 fastener, torque to 25-30 in. lbs.

Accessories:

- Cover: Clear protective plastic cover. Catalog description CC141X ("X" numbers of poles: 1,2, 3 or 4)
- Marking strip: White vinyl strip to mark circuits. Supplied with mounting screws.
- Printing available. Consult factory.



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