

Product Data Sheet

100 Series Modified 670A GP Series Modified

Replace "XX" with 01 through 36 for number of poles

Terminal Block– Closed Back

Modified Construction

20 Amps, 250 Volts Class B (AC/DC)

Copper Wire Only

Wire Range with Wire Binding Screw: #12 - #22 AWG

3/8" Centers

Electrical Ratings:

- 20A with unprepared wire, (Based on NEC Table 310-16, 75°C columns)
- 20A with Listed ring lug, (Based on NEC Table 310-16, 75°C columns)
- 250 Volts AC/DC (UL 1059 Class B, User Group – Commercial Appliances)
- Short Circuit Current Rating: 10,000A (Default)
- Approved for Factory Wiring.

NOTE: Use outside these ratings must be judged in end-use application

Mechanical Ratings:

- Insulator base temperature rating: -40° C/F to 150°C (302°F)* UL RTI
- Flammability rating of insulator base: UL 94V-1

Materials:

- Connector (Contact): Brass, tin plated.
- Insulator base: Phenolic
- Drive screw (Rivet): Stainless steel
- Screw, #6-32 Binder head, Phil-Slot: Steel, nickel plated

Agency Approvals:

- UL Recognized, UL 1059 Terminal Block Standard, File No. XCFR2.E62806
- CSA Certified, CSA C22.2 No. 158, File No. LR19766
- CE compliant, IEC 60947-7-1
- RoHS Compliant



(Variety of hardware shown)

Wire Range:

Wire Size	Torque	Copper Wire Stranding Classes - Number of Conductors		
		Solid	Class B	Class C
12	9 in. Lbs	1	1	1
14	9 in. Lbs	1	1	1
16	9 in. Lbs	1	1	1
18	9 in. Lbs	1	1	1
20	9 in. Lbs	1	1	1
22	9 in. Lbs	1	1	1

Mounting:

- Suggested product mounting hardware: #6 fastener, torque to 10-15 in. lbs.

Accessories:

- Printing: for printing options, see Terminal Block Printing
<http://marathonsp.com/CatalogPDFs/TBPrinting.pdf>

- Cover – top mounted (May not accommodate some hardware options) . Order CW (white) or CB (Black). Can be printed.
<http://marathonsp.com/CatalogPDFs/TopMountedCover.pdf>



- Marking strips  (Sub mounted or Top mounted)

- <http://marathonsp.com/CatalogPDFs/TopMountedMS.pdf>
<http://marathonsp.com/CatalogPDFs/SubMounted.pdf>

- Line to Line Jumper (J 600, LL100)



- Quick Connects or Fastons

F1 or KT19



F2 or KT20



F3 or KT21



Tab width: 0.187
Tab thickness: 0.020

- Half Quick Connects or Half Fastons



HF2 or KT26



HF3 or KT27



- Solder Terminal (ST, S)



- Half Solder Terminal (3/4 ST, HS)



- ~~Feed Thru Solder~~ (Y,L) OBSOLETE



- ~~Feed Thru Solder~~ (YSY, LSL) OBSOLETE



- Sems Pressure Saddle Screw (SP, 3865)



- Sems Pressure Saddle Screw with External Lock Washer (SPSE, 3860)



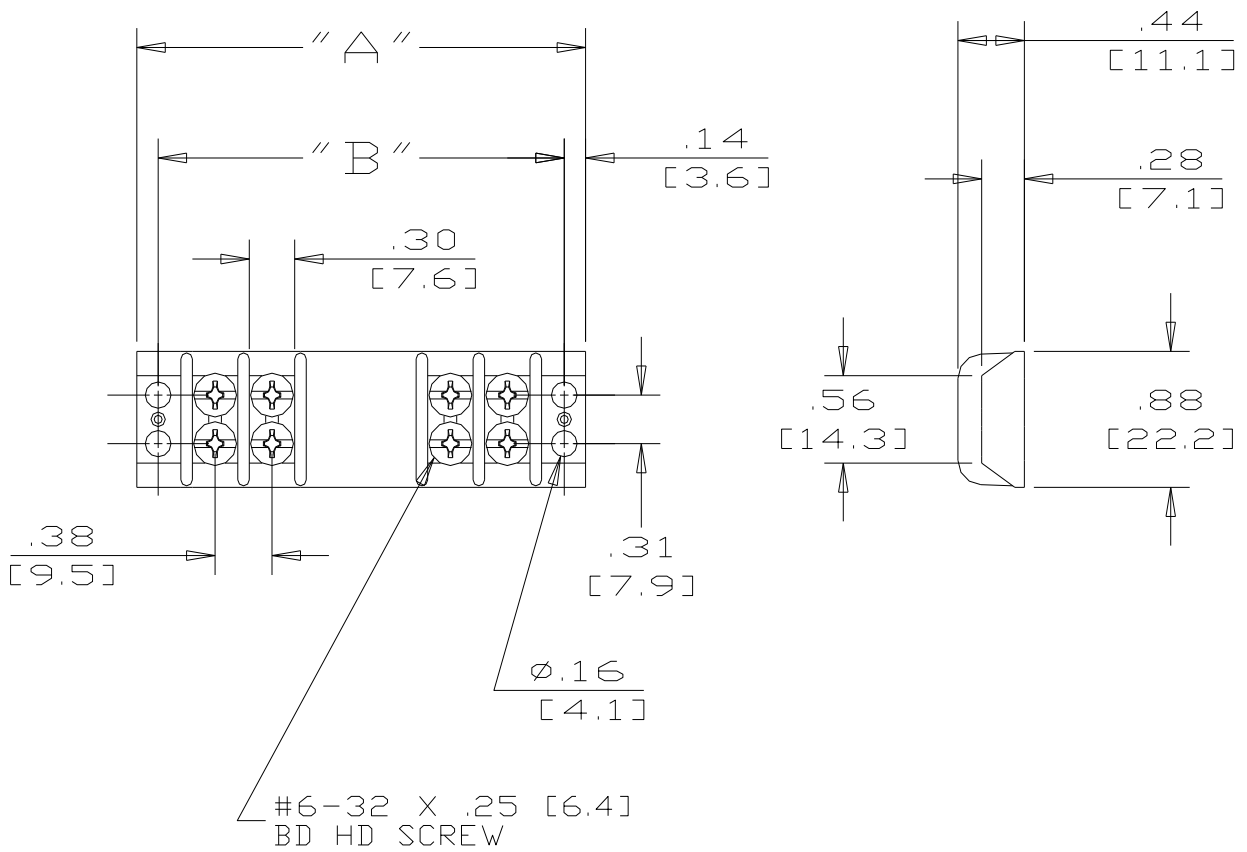
- Phil-Slot Brass Screw (PSB)



- Multiple Position Jumper (600RJ) or (600RJS)



Accessory options may affect ratings – consult factory



Catalog No	# of Poles	Dimensions			Catalog No	# of Poles	Dimensions	
		A	B				A	B
101 / 670A GP 01	1	1.03	0.75	X	119 / 670A GP 19	19	7.78	7.50
102 / 670A GP 01	2	1.41	1.13	X	120 / 670A GP 20	20	8.16	7.88
103 / 670A GP 03	3	1.78	1.50	X	121 / 670A GP 21	21	8.53	8.25
104 / 670A GP 04	4	2.16	1.88	X	122 / 670A GP 22	22	8.91	8.63
105 / 670A GP 05	5	2.53	2.25	X	123 / 670A GP 23	23	9.29	9.01
106 / 670A GP 06	6	2.91	2.63	X	124 / 670A GP 24	24	9.66	9.38
107 / 670A GP 07	7	3.28	3.00	X	125 / 670A GP 25	25	10.04	9.76
108 / 670A GP 08	8	3.66	3.38	X	126 / 670A GP 26	26	10.41	10.13
109 / 670A GP 09	9	4.03	3.75	X	127 / 670A GP 27	27	10.79	10.51
110 / 670A GP 10	10	4.41	4.13	X	128 / 670A GP 28	28	11.17	10.89
111 / 670A GP 11	11	4.78	4.50	X	129 / 670A GP 29	29	11.54	11.26
112 / 670A GP 12	12	5.16	4.88	X	130 / 670A GP 30	30	11.92	11.64
113 / 670A GP 13	13	5.53	5.25	X	131 / 670A GP 31	31	12.29	12.01
114 / 670A GP 14	14	5.91	5.63	X	132 / 670A GP 32	32	12.67	12.39
115 / 670A GP 15	15	6.28	6.00	X	133 / 670A GP 33	33	13.05	12.77
116 / 670A GP 16	16	6.66	6.38	X	134 / 670A GP 34	34	13.42	13.14
117 / 670A GP 17	17	7.03	6.75	X	135 / 670A GP 35	35	13.80	13.52
118 / 670A GP 18	18	7.41	7.13	X	136 / 670A GP 36	36	14.17	13.89

Top Mounted Hardware is .187" Wide

MM = Dim X 25.4

WWW.MARATHONSP.COM
(419) 352-8441

PDS 0265 REV C 09/27/12