100 Series
Kulka® 670A GP Series

150 Volts AC/DC (Class C)

106 / 670A GP 06

Specifications:

- Base, General Purpose Phenolic, 150°C
- Closed Back Design
- Screws, #6-32 Binder Head, Phil-Slot, Steel
- Terminals, Plated Brass
- 1-36 Poles
- 3/8" Centers
- Wire Range With Wire Binding Screw #12 - #22 AWG – 20 Amps
- Wire Range With Sems Pressure Screw #18 - #22 AWG Stranded Copper Wire Only, 150 Volts 15 Amps
- UL Recognized File No. XCFR2.E62806
- CSA Certified File No. LR19766
- CE
- RoHS Compliant

MSP Catalog #	Kulka® Catalog #	# of poles	Dimensions A	Dimensions B
101	670A GP 01	1	1.03	0.75
102	670A GP 02	2	1.41	1.13
103	670A GP 03	3	1.78	1.50
104	670A GP 04	4	2.16	1.88
105	670A GP 05	5	2.53	2.25
106	670A GP 06	6	2.91	2.63
107	670A GP 07	7	3.28	3.00
108	670A GP 08	8	3.66	3.38
109	670A GP 09	9	4.03	3.75
110	670A GP 10	10	4.41	4.13
111	670A GP 11	11	4.78	4.50
112	670A GP 12	12	5.16	4.88
113	670A GP 13	13	5.53	5.25
114	670A GP 14	14	5.91	5.63
115	670A GP 15	15	6.28	6.00
116	670A GP 16	16	6.66	6.38
117	670A GP 17	17	7.03	6.75
118	670A GP 18	18	7.41	7.13
119	670A GP 19	19	7.78	7.50
120	670A GP 20	20	8.16	7.88
121	670A GP 21	21	8.53	8.25
122	670A GP 22	22	8.91	8.63
123	670A GP 23	23	9.28	9.00
124	670A GP 24	24	9.66	9.38
125	670A GP 25	25	10.03	9.75
126	670A GP 26	26	10.41	10.13
127	670A GP 27	27	10.78	10.50
128	670A GP 28	28	11.16	10.88
129	670A GP 29	29	11.53	11.25
130	670A GP 30	30	11.91	11.63
131	670A GP 31	31	12.28	12.00
132	670A GP 32	32	12.66	12.38
133	670A GP 33	33	13.03	12.75
134	670A GP 34	34	13.41	13.13
135	670A GP 35	35	13.78	13.50
136	670A GP 36	36	14.16	13.88

mm=dim X 25.4

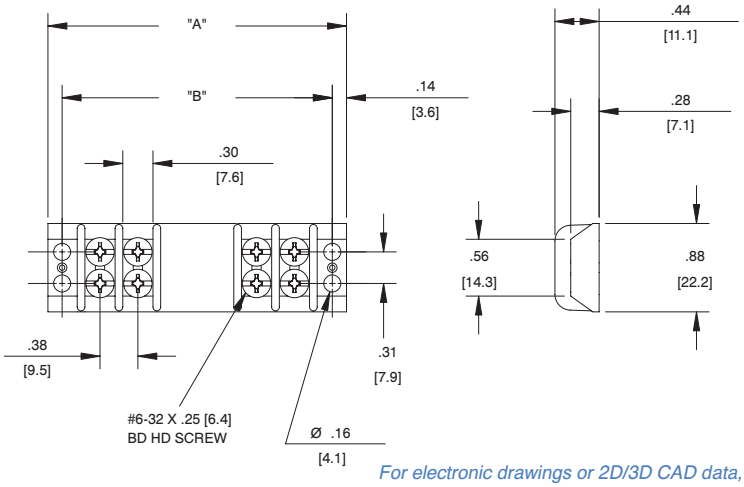
Hardware Options:

(Hardware options may affect ratings - consult Customer Service)

CATALOG # MSP	CATALOG # KULKA	PRODUCT DESCRIPTION	PAGE REFERENCE
F1	KT19	Full Quick Connect (0° Flat)	See page 101
F2	KT20	Full Quick Connect (45° Bend)	See page 101
F3	KT21	Full Quick Connect (90° Bend)	See page 101
HF1	KT25	Half Quick Connect (0° Flat)	See page 101
HF2	KT26	Half Quick Connect (45° Bend)	See page 101
HF3	KT27	Half Quick Connect (90° Bend)	See page 101
S	ST	Full Solder	See page 102
HS	3/4 ST	Half Solder	See page 102
L	Y	Feed Thru Solder (.312)	See page 102
LSL	YSY	Feed Thru Solder (.500)	See page 102
LL 100	J 600	Line to Line Jumper	See page 103
	600RJ(S)	Multiple Position Jumper	See page 103
SP	3865	SEMS Pressure Saddle Screw	See page 103
LWW	3000	Feed Thru Wire Wrap (.593)	Consult C/S
PSB		Phil-Slot Brass Screw	Consult C/S

Quick Connects: .020" x .187"

See pages 100-111 for terminal block accessories



For electronic drawings or 2D/3D CAD data, send request to drawings@marathonsp.com

MARATHON® SPECIAL PRODUCTS

Double Row Terminal Blocks

General Information:

Double Row Terminal Blocks are available in many line to line spacings. Open and closed back designs are available as shown in table below. Insulator bases are available in both phenolic and thermoplastic material. Modifications are also provided on most terminal blocks, including marking strips.

Ratings and Standards:

The voltage ratings of terminal blocks are based upon the minimum spacing between electrically conductive parts line to line through air and over surface and line to ground through air and over surface.

Class A:
Service, including deadfront switchboards, panel boards, service equipment and the like.

Class B:
Commercial appliances including business equipment, electronic data processing equipment and the like.

Class C:
Industrial, general

Class D:
Industrial, devices having limited ratings

Spacing Requirements (in inches):

	Voltage	Thru Air	Over Surface		Voltage	Thru Air	Over Surface
Class A	51-150	0.500	0.750	Class C	51-150	0.125	0.250
	151-300	0.750	1.250		151-300	0.250	0.375
	301-600	1.000	2.000		301-600	0.375	0.500
Class B	51-150	0.063	0.063	Class D+	51-300	0.063	0.125
	151-300	0.094	0.094		301-600	0.188	0.375
	301-600	0.375	0.500				

+These spacings are applicable to a terminal block for use only in or with industrial control equipment where the load on any single circuit of the terminal block does not exceed 15 Amp at 51-150 Volt, 10 Amp at 151-300 Volt, 5 Amp at 301-600 Volt, or the maximum amp rating, whichever is less.

Reference Chart:

Series	Catalog Page	Amps	Voltage Rating*			Base Material	Max Wire Size	Screw Size	Inches L to L	Number of Lines	Features
			Class B	Class C	Class D						
100/670A GP	73	20	300+	150	150+	Phenolic	#12	6-32	.375	1-36	Closed Back
200/671 GP	74	20	300+	300	600+	Phenolic	#12	6-32	.437	1-30	Closed Back
200HB	75	20	600+	600	600+	Phenolic	#12	6-32	.437	1-30	Closed Back/High Barrier
300/672 GP	76	30	600+	600	600+	Phenolic	#10	8-32	.562	1-24	Closed Back
400	77	30	600+	600	600+	Phenolic	#10	10-32	.687	1-12	Closed Back
410*	78	5	250	N/A	N/A	Phenolic	#18	2-56	.250	1-23	Open Back
600*	79	15	300	150	N/A	Phenolic	#12	5-40	.375	1-22	Open Back
600A/800A*	80	15	300	150	N/A	Phenolic	#12	6-32	.375	1-22	Open Back
601/801*	81	20	300	300	N/A	Phenolic	#12	6-32	.437	1-23	Open Back
602/802*	82	30	300	300	N/A	Phenolic	#12	8-32	.562	1-26	Open Back
603*	83	50	600	600	N/A	Phenolic	#10	10-32	.687	1-12	Open Back
604*	84	70	600	600	N/A	Phenolic	#4	12-32	.875	1-8	Open Back
605*	85	90	600	600	N/A	Phenolic	#2	1/4-28	1.125	1-6	Open Back
621 RZ	86	20	600+	600	600+	Thermoplastic	#12	6-32	.437	1-30	Closed Back/High Barrier
670A RZ	87	20	300	150	N/A	Thermoplastic	#12	6-32	.375	1-30	Closed Back
671 RZ	88	20	300	300+	600+	Thermoplastic	#12	6-32	.437	1-30	Closed Back
672 RZ	89	30	600+	600	600+	Thermoplastic	#10	8-32	.562	1-24	Closed Back

*Open back terminal blocks require an insulator strip to achieve voltage rating.

+Ratings pending UL investigation.