Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
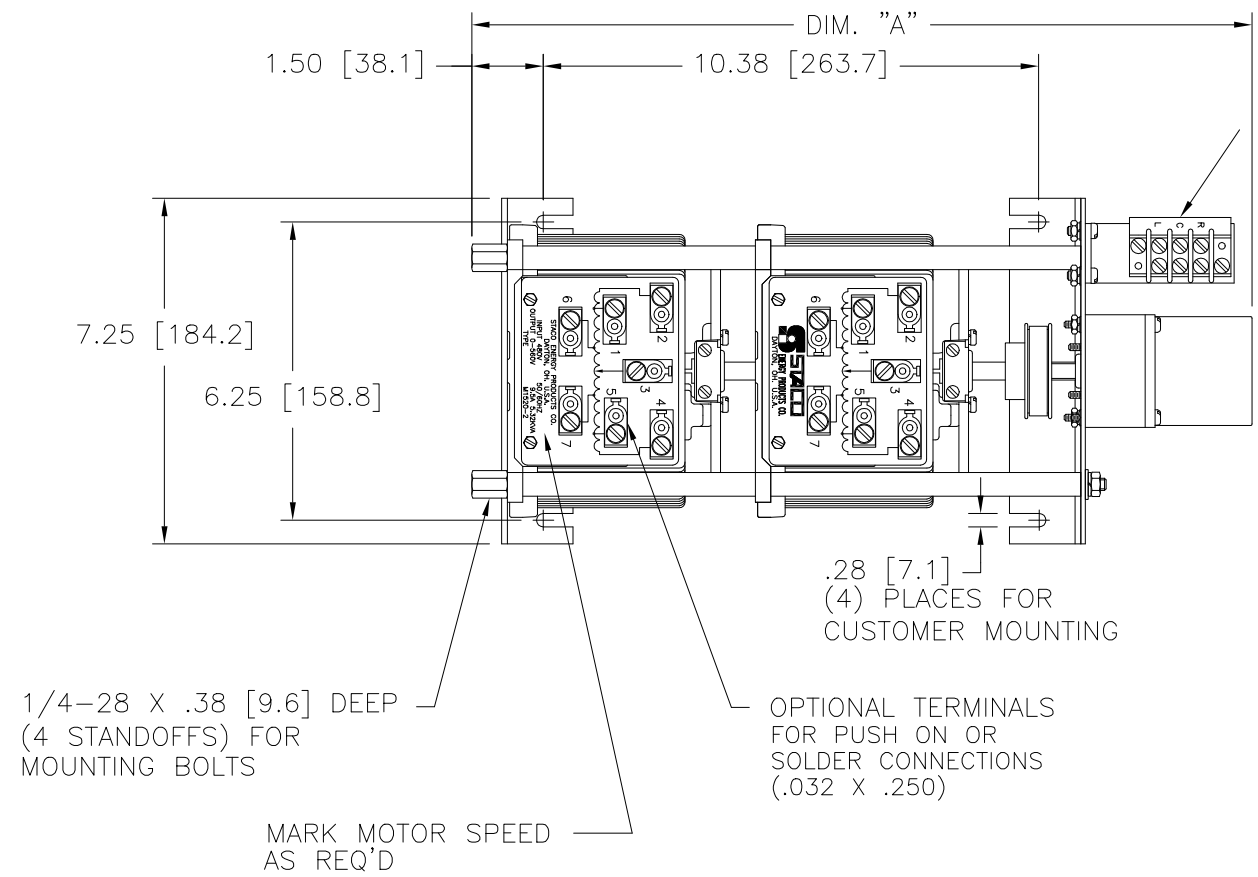
Contact us

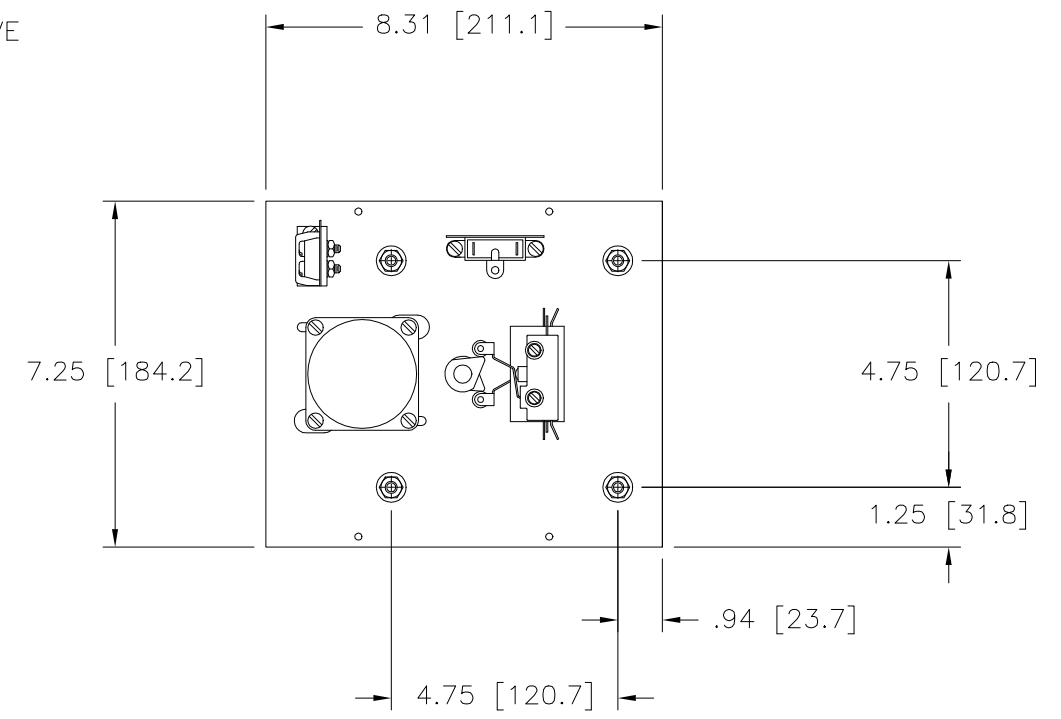Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China
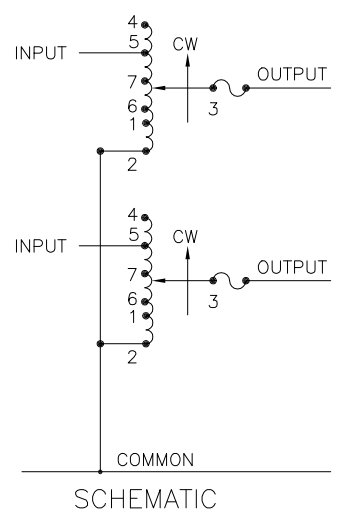
DIM. "A"

1.50 [38.1]

10.38 [263.7]

MOTOR DRIVE TERMINALS

7.25 [184.2]

6.25 [158.8]

.28 [7.1]
(4) PLACES FOR CUSTOMER MOUNTING

1/4-28 X .38 [9.6] DEEP
(4 STANDOFFS) FOR MOUNTING BOLTS

OPTIONAL TERMINALS FOR PUSH ON OR SOLDER CONNECTIONS (.032 X .250)

MARK MOTOR SPEED AS REQ'D

8.31 [211.1]

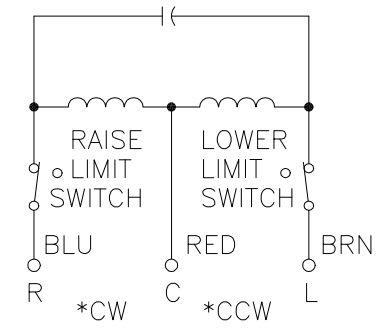7.25 [184.2]

4.75 [120.7]

1.25 [31.8]

.94 [23.7]

4.75 [120.7]

NOTES:

■ JUMPER PROVIDED IN THE STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.

++ LINE TO LINE VOLTAGE

π IF GANGED UNITS ARE USED IN A SYSTEM THAT ORDINARILY HAS A COMMON NEUTRAL OR GROUND BETWEEN SOURCE AND LOAD, THE NEUTRAL OR GROUND MUST BE CONNECTED TO THE COMMON TERMINALS OF THE VARIABLE TRANSFORMER ASSEMBLY. IF THE SYSTEM HAS NO NEUTRAL, THE LOAD MUST BE BALANCED OR THE TRANSFORMER WILL BE DAMAGED.

MAXIMUM OUTPUT CURRENT IN OUTPUT VOLTAGE RANGE FROM 0 TO 25% ABOVE LINE VOLTAGE. AT HIGHER OUTPUT VOLTAGES, THE OUTPUT CURRENT MUST BE REDUCED ACCORDING TO THE DERATING CURVE FIGURE A.

§ MAXIMMUM KVA AT MAXIMUM OUTPUT VOLTAGE AND CORRESPONDING DERATED OUTPUT CURRENT.
MAXIMUM KVA FOR LOWER VOLTAGES MAY BE CALCULATED FROM DERATING DERATING CURVED FIGURE A.

INPUT
CW
OUTPUT

INPUT
CW
OUTPUT

COMMON

SCHEMATIC

RAISE LIMIT SWITCH
LOWER LIMIT SWITCH
BLU
RED
BRN
R *CW
C *CCW
L

MOTOR CIRCUIT
120V, 50/60 HZ
* ROTATION AS VIEWED FROM MOTOR END
MOTOR SPEED: SEE CHART

NOTE:
FUSE RECOMMENDED BUT NOT SUPPLIED

SPECIFICATIONS

| WIRING | INPUT | | OUTPUT | | CONSTANT CURRENT LOAD | | CONSTANT IMPEDANCE LOAD | | SHAFT ROTATION TO INCREASE VOLTAGE | TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM BASE END | | |
	VOLTS	HERTZ	VOLTS		MAX. AMPS	MAX. KVA	MAX. AMPS	MAX. KVA		INPUT	JUMPER■	OUTPUT
SINGLE PHASE SERIES	480	50/60	0-480		9.5	4.56	12	5.76	CW	2-2	4-4	3-3
									CCW	4-4	2-2	3-3
			0-560		9.5	5.32	—	—	CW	1-1	4-4	3-3
									CCW	5-5	2-2	3-3
	240	50/60	0-560		9.5#	2.28§	—	—	CW	7-7	4-4	3-3
									CCW	6-6	2-2	3-3
THREE PHASE OPEN DELTA π	240++	50/60	0-240		9.5	3.95	12	5.0	CW	2-4-2	4-4	3-4-3
									CCW	4-2-4	2-2	3-2-3
			0-280		9.5	4.61	—	—	CW	1-4-1	4-4	3-4-3
									CCW	5-2-5	2-2	3-2-3
	120++	50/60	0-280		9.5#	1.98§	—	—	CW	7-4-7	4-4	3-4-3
									CCW	6-2-6	2-2	3-4-2

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M1520-2	16.36 [415.5]
15	15M1520-2	16.36 [415.5]
30	30M1520-2	16.75 [425.4]
60	60M1520-2	16.75 [425.4]

TITLE:
SPEC. CONTROL DRAWING
MOTORIZED VARIABLE XFMR.
5, 15, 30, & 60M1520-2

DRAWN BY: TIM RAU DATE: 1/22/02
CHECKER DATE
ENGINEER DATE

FIRST USED ON
DO NOT SCALE DWG.
WEIGHT APPROX. 52.5 LBS.
CAGE CODE 83008

STACO ENERGY PRODUCTS CO.
A Components Corporation of America Company
301 Gaddis Boulevard Dayton, Ohio 45403 USA

DWG. SIZE D DWG. NO. 031-4034
SCALE .5=1 SHEET 1 OF 1