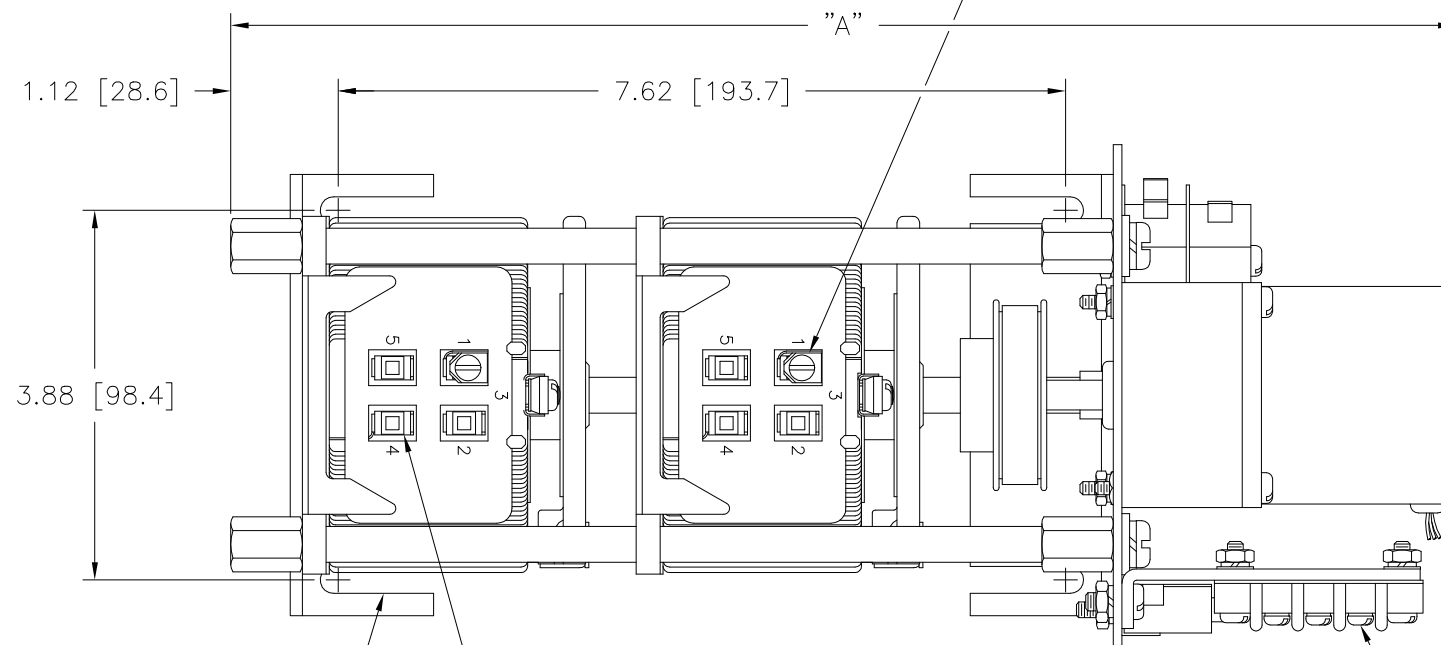


(4) STANDOFFS TAPPED
 1/4-28 X .38 [9.5]
 DEEP FOR MTG. BOLTS

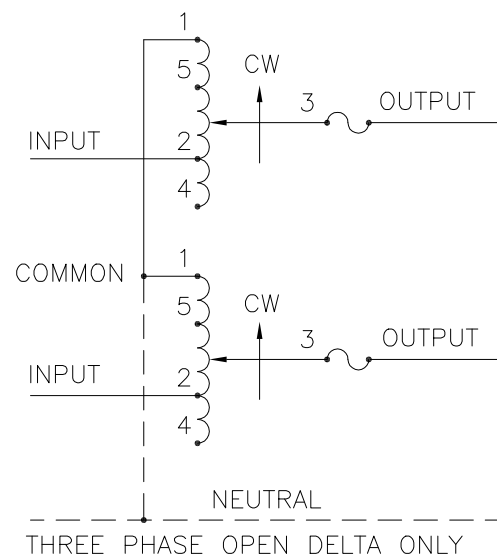


.28 [7.1] WIDE SLOT
 (4) PLACES FOR
 CUSTOMER MOUNTING

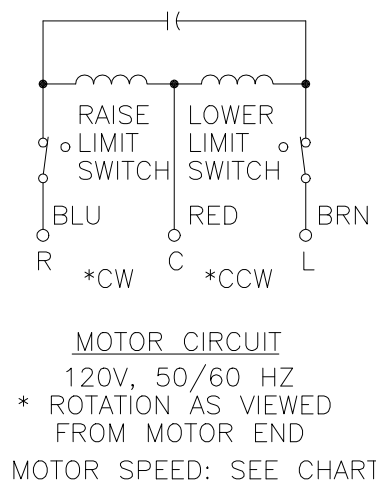
.25 [6.4] WIDE X .03 [0.8] THICK
 QUICK CONNECT TERMINALS WITH
 SOLDER LUGS AT OPPOSITE ENDS

MOTOR DRIVE TERMINALS
 #6-32 SCREWS

PUSH-ON #6-32 SCREW
 TERMINAL - USED FOR
 JUMPER CONNECTIONS



SCHEMATIC
 THREE PHASE OPEN DELTA AND SINGLE
 PHASE SERIES. FUSE RECOMMENDED BUT
 NOT SUPPLIED.



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

NOTE:
 UNIT IS SUPPLIED WITH OPTIONAL PUSH-ON
 #6-32 SCREW TERMINALS FOR TRANSFORMER
 CONNECTIONS.

- ∏ 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.
- ++ LINE TO LINE VOLTAGE.
- JUMPER PROVIDED IN STANDARD COMMON POSITION AND SHOULD BE MOVED OR REMOVED AS REQUIRED.
- + MOTOR DRIVEN UNITS USE TERMINAL CONNECTIONS FOR CCW INCREASING VOLTAGE, AS VIEWED FROM BASE END.

SPECIFICATIONS											
WIRING	INPUT		OUTPUT				SHAFT ROTATION TO INCREASE VOLTAGE	TERMINAL CONNECTIONS			
	VOLTS	HERTZ	VOLTS	CONSTANT CURRENT LOAD		CONSTANT IMPEDANCE LOAD		FOR INCREASING VOLTAGE AS VIEWED FROM BASE END +			
				MAX. AMPS	MAX. KVA	MAX. AMPS		MAX. KVA	INPUT	JUMPER ■	OUTPUT
SINGLE PHASE SERIES	240	50/60	0-240	5.0	1.2	7.0	1.68	CW	1-1	4-4	3-3
			0-280	5.0	1.4	—	—	CCW	4-4	1-1	3-3
	120	50/60	0-120	5.0	1.04	7.0	1.46	CW	1-4-1	4-4	3-4-3
								CCW	4-1-4	1-1	3-1-3
THREE PHASE OPEN DELTA ∏	++	50/60	0-140	5.0	1.21	—	—	CW	5-4-5	4-4	3-4-3
								CCW	2-1-2	1-1	3-1-3

SPEED (SECONDS)	MODEL NUMBER	DIM "A"
5	5M501C-2	12.84 [326.1]
15	15M501C-2	12.84 [326.1]
30	30M501C-2	13.23 [336.0]
60	60M501C-2	13.23 [336.0]

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS # DECIMALS HOLES ANGLES DRAFT UNITS IN [mm]

XX .0005 .06 .002 1° 1-1/2°

MATERIAL: ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING
 VARIABLE TRANSFORMER
 MODEL: M501C-2

STACO ENERGY PRODUCTS CO.
 A COMPONENTS CORPORATION OF AMERICA COMPANY
 DAYTON, OHIO U.S.A.

DRAWN BY: TIM RAU DATE: 3/16/99 FIRST USED ON: DO NOT SCALE DWG. CUSTOMER APPROVAL: DATE:

CHECKER: DATE: WEIGHT APPROX. 19 LBS. CODE IDENT. NO. 83008 DWG. NO. 031-0594

ENGINEER: DATE: SCALE: 1=1 SHEET 1 OF 1 D