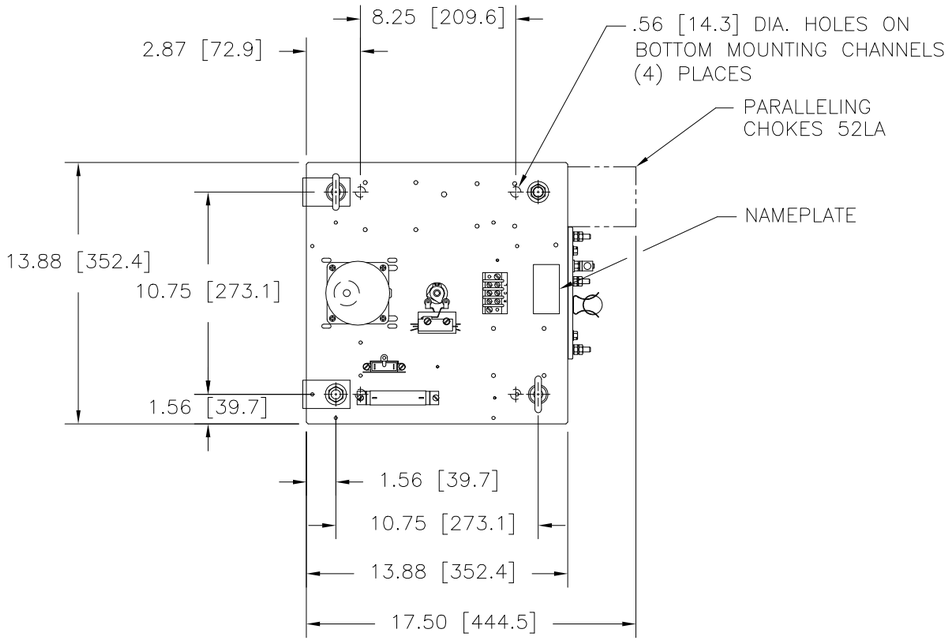
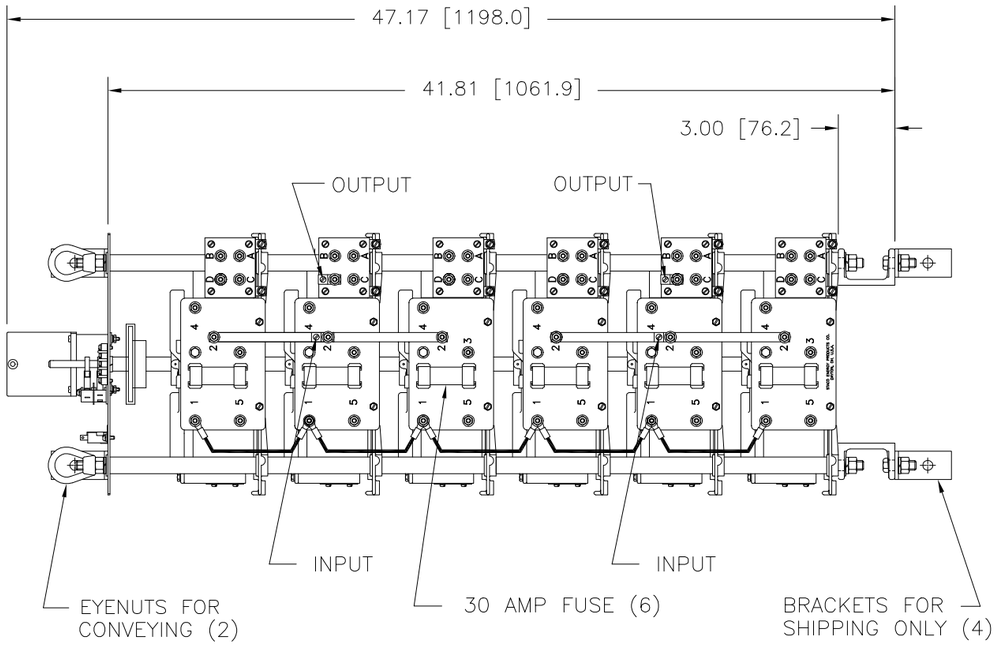
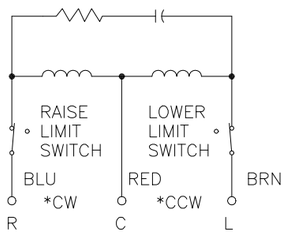
| DWG. SIZE | DWG. NO. |
|---|---|
| D | 031-7828 |

| REVISIONS | | | |
|---|---|---|---|
| SYM. | E.C.N. | DATE | APVD. |



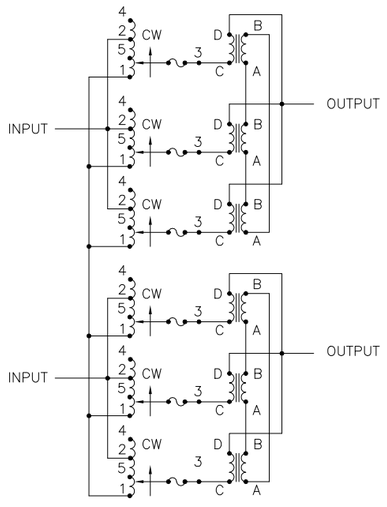




MOTOR CIRCUIT

120V 50/60 HZ

* ROTATION AS VIEWED FROM MOTOR END

MOTOR SPEED : SEE CHART




SCHEMATIC

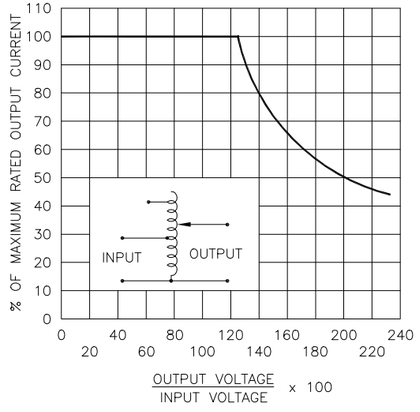



FIGURE A

MAXIMUM OUTPUT CURRENT OF ANY DUAL INPUT VOLTAGE OR VOLTAGE DOUBLER UNIT OPERATED AT LOWER INPUT VOLTAGE.

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

++ MAXIMUM KVA AT MAXIMUM OUTPUT AND CORRESPONDING DE-RATED CURRENT. MAXIMUM KVA AT LOWER OUTPUT VOLTAGES MAY BE CALCULATED FROM RATING CURVE, FIGURE A.

V.D. = VOLTAGE DOUBLER.

| SPEED (SECONDS) | MODEL NUMBER |
|---|---|
| 15 | 15M5021-6PS |
| 30 | 30M5021-6PS |
| 60 | 60M5021-6PS |

SPECIFICATIONS

| WIRING | INPUT VOLTS | INPUT HERTZ | OUTPUT VOLTS | OUTPUT CONSTANT CURRENT LOAD MAX. AMPS | OUTPUT CONSTANT CURRENT LOAD MAX. KVA | SHAFT ROTATION FOR VOLTAGE INCREASE | TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP INPUT | TERMINAL CONNECTIONS FOR INCREASING VOLTAGE AS VIEWED FROM TOP OUTPUT |
|---|---|---|---|---|---|---|---|---|
| SINGLE PHASE SERIES PARALLEL | 480 | 50/60 | 0-480 | 84 | 40.3 | CW | 4-4 | D-D |
| | | | 0-560 | 84 | 47.0 | CW | 2-2 | D-D |
| | 240 | 50/60 | 0-560 | * 84-36 V.D. | 20.4++ | CW | 5-5 | D-D |

UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ±
DECIMALS .XX .12 .XXX .005 HOLES .002 ANGLES 1° DRAFT 1-1/2°
UNITS IN [mm]
MATERIAL
ALL DIMENSIONS APPLY AFTER PLATING

TITLE: SPEC. CONTROL DRAWING MOTORIZED VARIABLE XFMR TYPE: M5021-6PS

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



| DRAWN BY | DATE | FIRST USED ON | DO NOT SCALE DWG. | CUSTOMER APPROVAL | DATE |
|---|---|---|---|---|---|
| TIM RAU | 12/10/99 | | | | |
| CHECKER | DATE | WEIGHT APPROX. 502 LBS. | CODE IDENT. NO. 83008 | DWG. SIZE D | DWG. NO. 031-7828 |
| ENGINEER | DATE | SCALE .25=1 | SHEET 1 OF 1 | | |