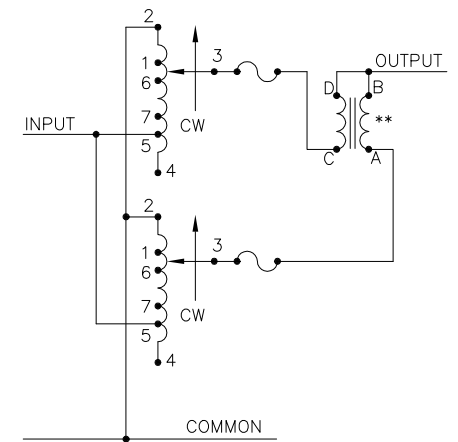
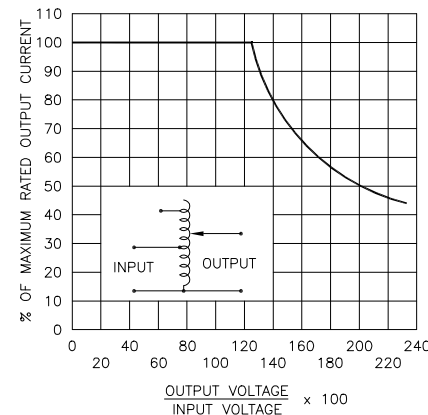
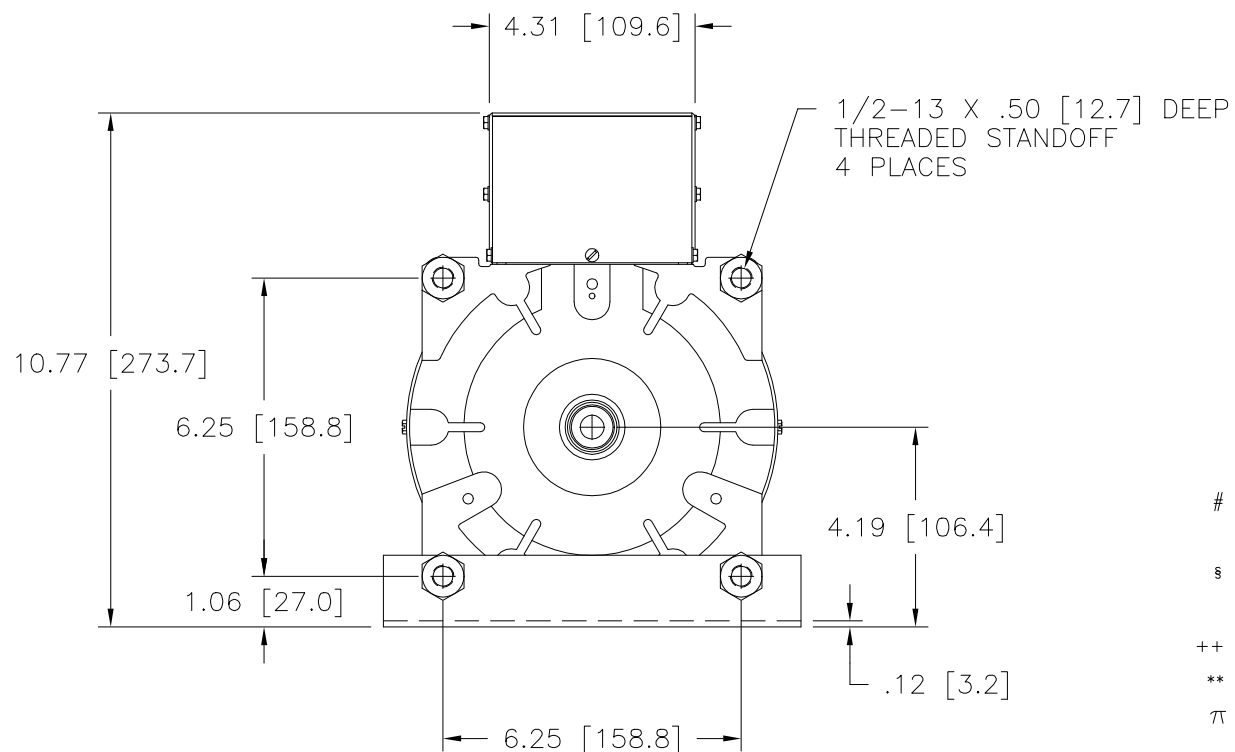


SCHEMATIC
THREE PHASE OPEN DELTA AND SINGLE
PHASE SERIES. FUSE RECOMMENDED BUT
NOT SUPPLIED



SCHEMATIC
SINGLE PHASE PARALLEL
FUSE RECOMMENDED BUT NOT SUPPLIED

NOTE:
UNIT IS SUPPLIED WITH A 7.00 [177.8] DIA.
0-100 GRADUATED DIAL PLATE FOR PANEL MOUNTING.



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.

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

++ LINE TO LINE VOLTAGE.

** REQUIRES ONE 52LAC PARALLELING CHOKE (NOT SUPPLIED).

⌘ 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.

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

| 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 PARALLEL ** | 240 | 50/60 | 0-240 | 20 | 4.80 | 26 | 6.20 | CW | 2-2,4-4 | —— | 4-B | |
| | | | 0-280 | 20 | 5.60 | —— | —— | CCW | 2-2,4-4 | —— | 2-B | |
| | | | | | | | | CW | 1-1,4-4 | —— | 4-B | |
| | | | | | | | | CCW | 5-5,2-2 | —— | 2-B | |
| SINGLE PHASE SERIES | 480 | 50/60 | 0-280 | 20# | 2.40 § | —— | —— | CW | 7-7,4-4 | —— | 4-B | |
| | | | 0-560 | 10 | 5.60 | —— | —— | CCW | 6-6,2-2 | —— | 2-B | |
| | | | | | | | | CW | 2-2 | 4-4 | 3-3 | |
| | | | | | | | | CCW | 4-4 | 2-2 | 3-3 | |
| | 240 | 50/60 | 0-560 | 10# | 2.40 § | —— | —— | CW | 1-1 | 4-4 | 3-3 | |
| | | | | | | | | CCW | 5-5 | 2-2 | 3-3 | |
| THREE PHASE OPEN DELTA ⌘ | 240 ++ | 50/60 | 0-560 | 10# | 2.40 § | —— | —— | CW | 7-7 | 4-4 | 3-3 | |
| | | | 0-240 | 10 | 4.20 | 13 | 5.40 | CCW | 6-6 | 2-2 | 3-3 | |
| | | | | | | | | CW | 2-4-2 | 4-4 | 3-4-3 | |
| | | | | | | | | CCW | 4-2-4 | 2-2 | 3-2-3 | |
| | 120 ++ | 50/60 | 0-280 | 10 | 4.85 | —— | —— | CW | 1-4-1 | 4-4 | 3-4-3 | |
| | | | | | | | | CCW | 5-2-5 | 2-2 | 3-2-3 | |
| 120 ++ | 50/60 | 0-280 | 10# | 2.10 § | —— | —— | CW | 7-4-7 | 4-4 | 3-4-3 | | |
| | | | | | | | CCW | 6-2-6 | 2-2 | 3-2-3 | | |
| UNLESS OTHERWISE SPECIFIED, TOLERANCE IS ± DECIMALS .005 HOLES .01 ANGLES 1° DRAFT 1-1/2° | | | UNITS IN [mm] | | TITLE: SPEC. CONTROL DRAWING VARIABLE TRANSFORMER MODEL: 2520CT-2 | | | | | | | |
| MATERIAL: _____ | | | ALL DIMENSIONS APPLY AFTER PLATING | | DRAWN BY S.A. SMITH DATE 12/18/98 FIRST USED ON _____ DO NOT SCALE DWG. CUSTOMER APPROVAL _____ DATE _____ | | | | | | | |
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| | | | | | ENGINEER _____ DATE _____ | | SCALE .50=1 | | SHEET 1 OF 1 | | D | |
| | | | | | | | | | | | | |

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