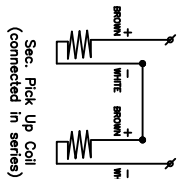
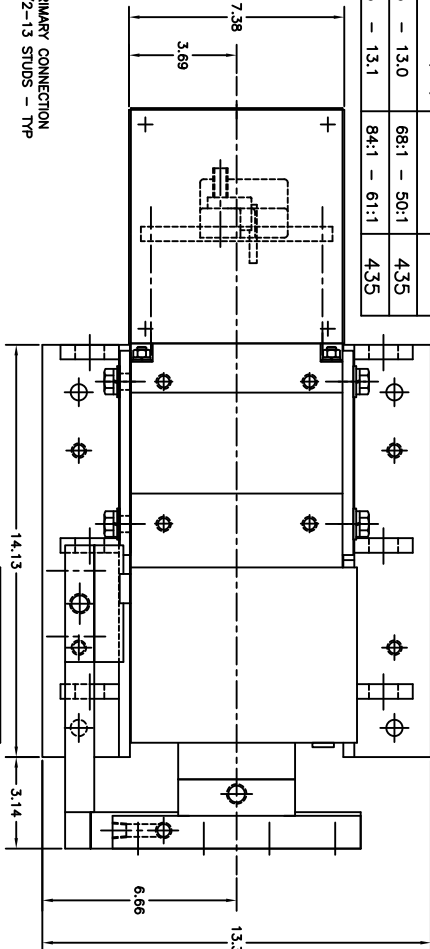


MODEL	KVA ● 50% DC	PRIMARY VOLT/FREQ	SECONDARY VOLTAGE (DC)	TURNS RATIO	WEIGHT LBS
TDC-5422	400	650/1000HZ	9.5 - 13.0	68:1 - 50:1	435
TDC-7323	400	800/1000HZ	9.5 - 13.1	84:1 - 61:1	435



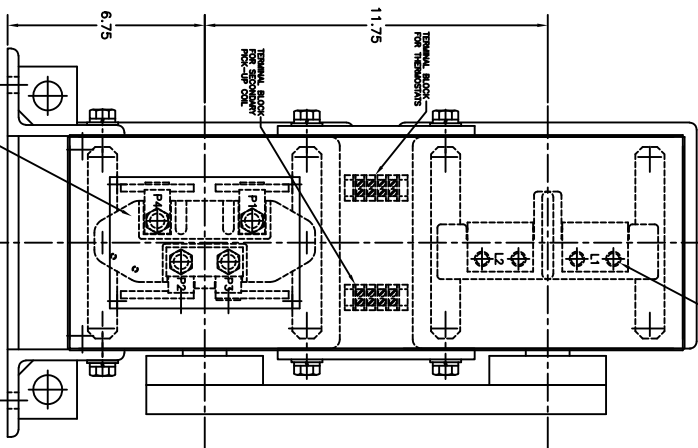
NOTE:
FOR ELECTRICAL SCHEMATIC SEE
ROMAN DRAWING 5422-6.

PRIMARY CONNECTION
1/2-13 STUDS - TYP

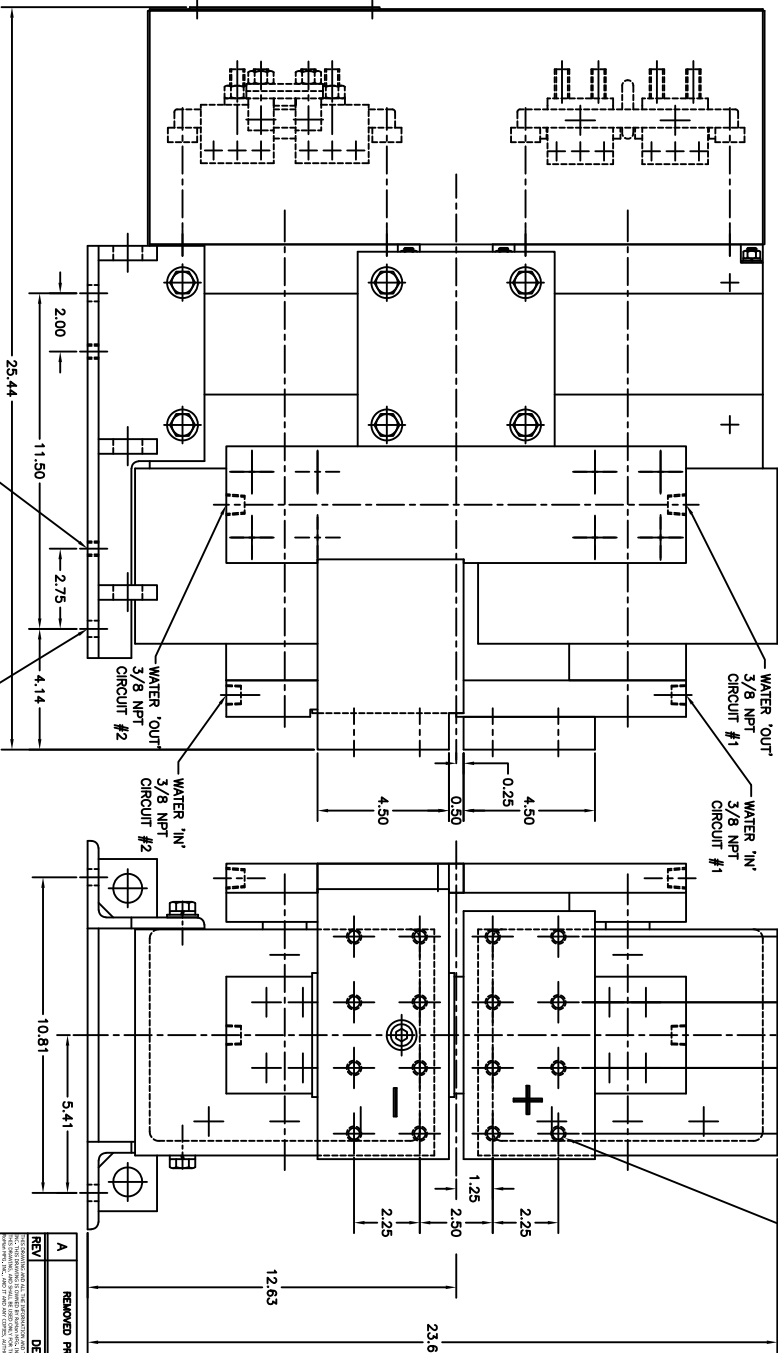


NOTE*
The secondary terminals of this device
are intended as an electrical connection only.
Applications must be designed to minimize
any forces applied to the secondary terminals,
this can be accomplished by transferring forces
to a structural member.

COOLING REQUIREMENTS: 4 GPM @ 30°C PER CURCUT
8 GPM TOTAL



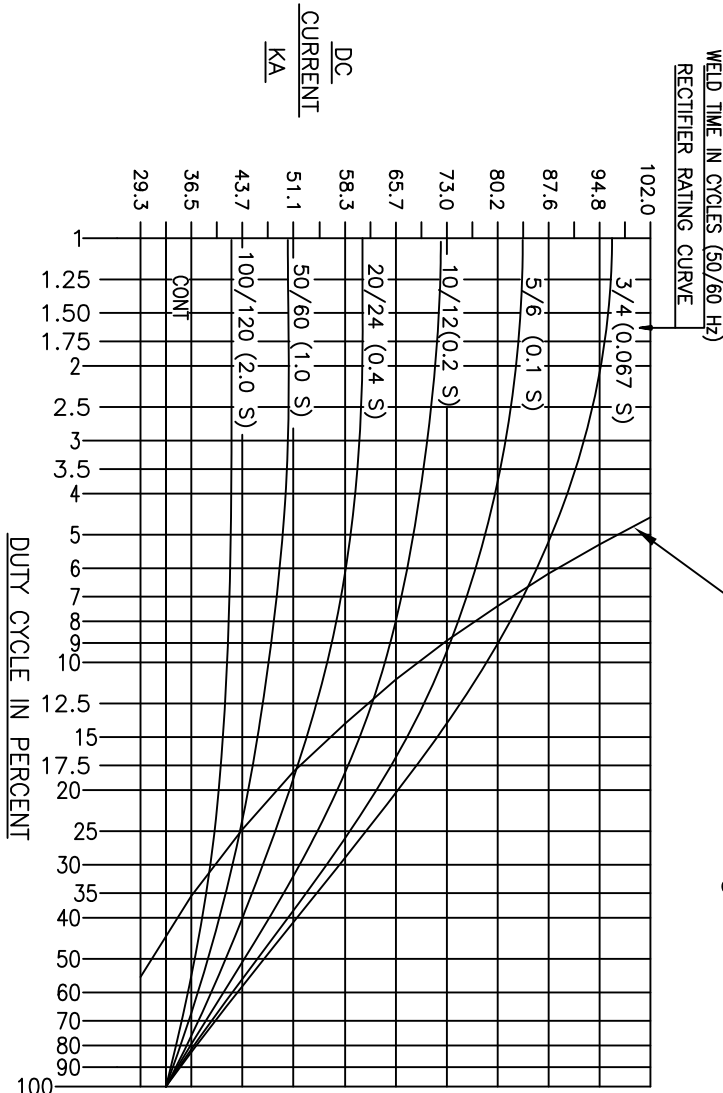
H/O LINK BOARD
LOW VOLTAGE
CONNECT P2 TO P3
HIGH VOLTAGE
CONNECT P1 TO P3
CONNECT P2 TO P4



REV	DESCRIPTION	DATE
A	REMOVED PRIMARY BOARD	20JUL07
B	ADDED 800V MODEL TDC-7323	13JUN13
C	ADDED WINDING SCHEMATIC NOTE	28JAN13
D	ADDED TAPPED STAP FOR THERMAL & SEC. PICK-UP COILS	01FEB08

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POWER SUPPLY RATING DIAGRAM
SINGLE PHASE, CENTER TAP RECTIFIER
SIZE 8 RECTIFIER



NOTES:
THESE CURVES ARE BASED ON RATED
WATER FLOW OF 8 G.P.M. AND
MAXIMUM WATER IN TEMPERATURE OF 30°C
FOR APPLICATIONS ABOVE A 20% DUTY CYCLE, CONTACT
MAXIMUM WATER IN TEMPERATURE OF 30°C
RECTIFIER RATING:
% DUTY CYCLE IS BASED ON SHORTEST TIME FROM
BEGINNING OF ONE WELD TO THE BEGINNING OF NEXT WELD. ON TIME/ON + OFF TIME.
TRANSFORMER RATING:
% DUTY CYCLE IS TOTAL "ON" TIME IN ONE MINUTE.

RC-5422

B	Adjusted Transformer Rating Curve	KV	7Mar16
REV	DESCRIPTION	KV	DATE
1	TRANSFORMER RATING CURVE		
2	TRANSFORMER RATING CURVE		
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