

ENTRON™

130°C
82°C

pipe

LD H/P/PS PANEL PRIMARY

THERMOSTAT NORMALLY CLOSED

SECONDARY

SECONDARY PICK-UP COIL

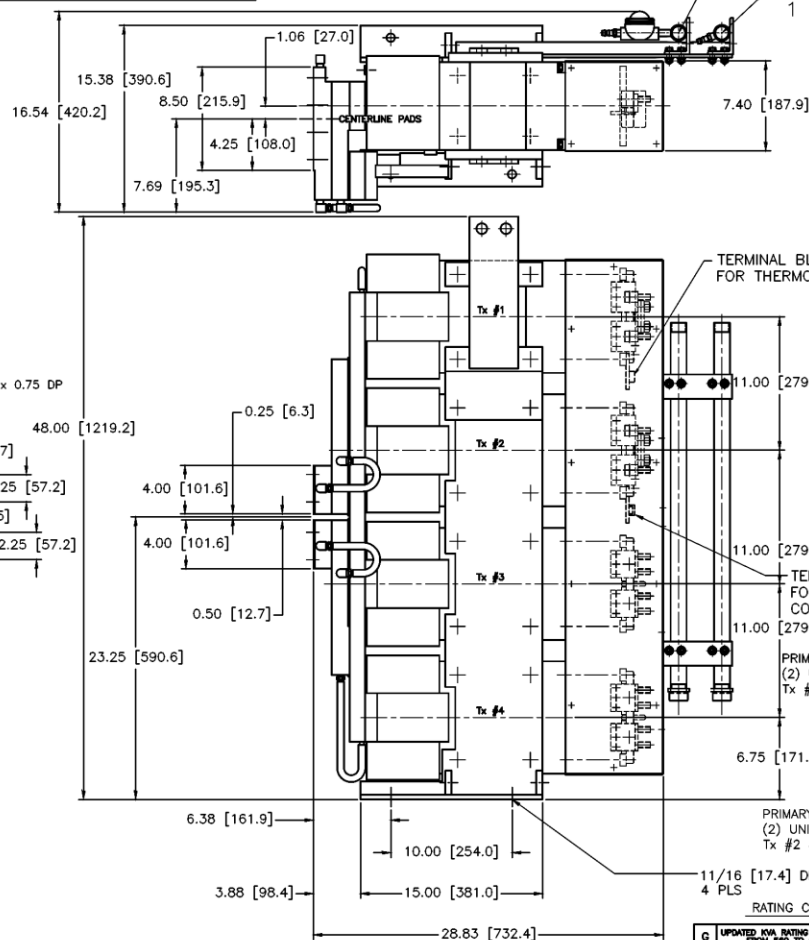
SECONDARY

TRANSFORMER CASE MUST BE GROUNDED.
USER MUST PROVIDE APPROPRIATE GROUNDING OF SECONDARY CIRCUIT.

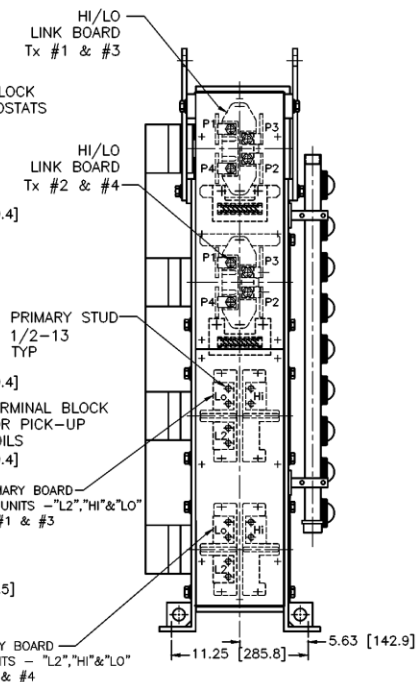
NOTE* SECONDARY OUTPUT TERMINALS ARE DESIGNED AS ELECTRICAL CONNECTIONS. MECHANICAL FORCES ON THESE CONNECTIONS MAY VOID WARRANTY.

NOTE* CONTACT ROLIM MANUFACTURING FOR APPLICATION ABOVE 200 DAY CYCLE.

LINK "P1-P3" & "P2-P4"

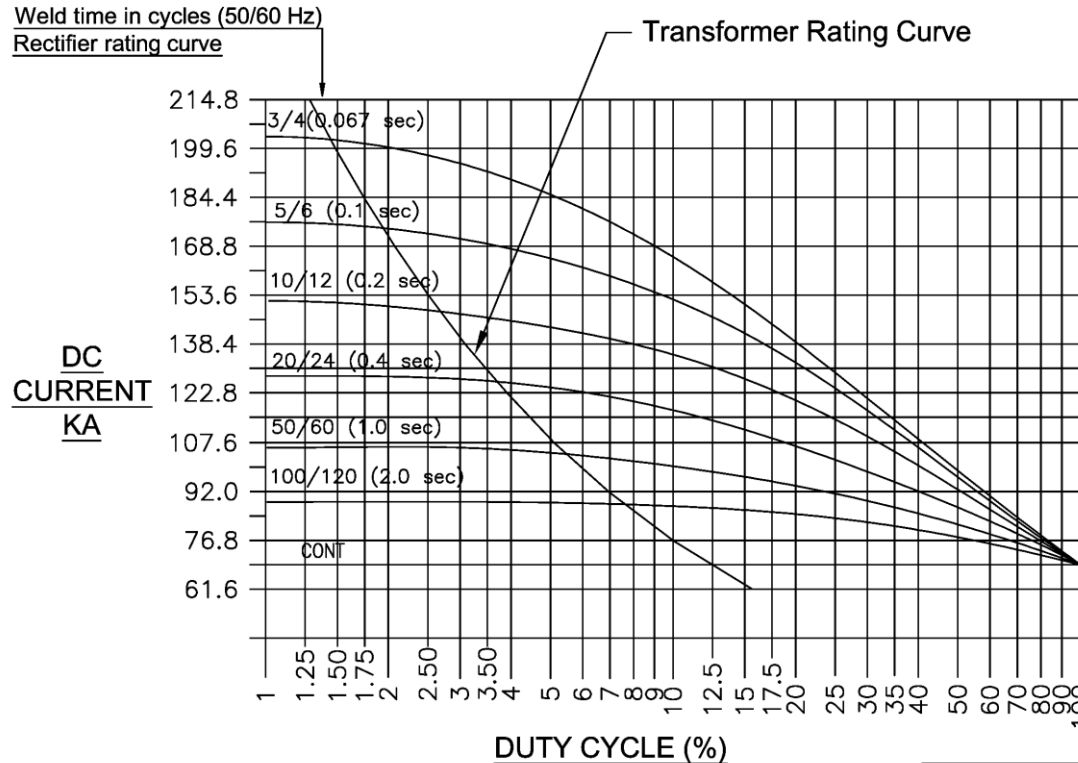


The secondary terminals of this device are intended as an electrical connection only. Applications must be designed to minimize any forces applied to the secondary terminals, this can be accomplished by transferring forces to a structural member.



REV	DESCRIPTION	DATE
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ISSUE	NONE	DESIGN BY RB
DATE	12F607	APPROVED BY RB
		
POWER SUPPLY		
		DRAWING NUMBER 5927-1

**Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
Size 16 Rectifier**



Where used
TDC-5927
TDC-5947
TDC-5996
TDC-6885
TDC-6915
TDC-6918
TDC-8429

Notes:

These curves are based on rated water flow of 16 G.P.M (60 L.P.M.).
Maximum water in temperature of 30°C.
For applications above a 20% duty cycle, contact
Roman Manufacturing for assistance.

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.

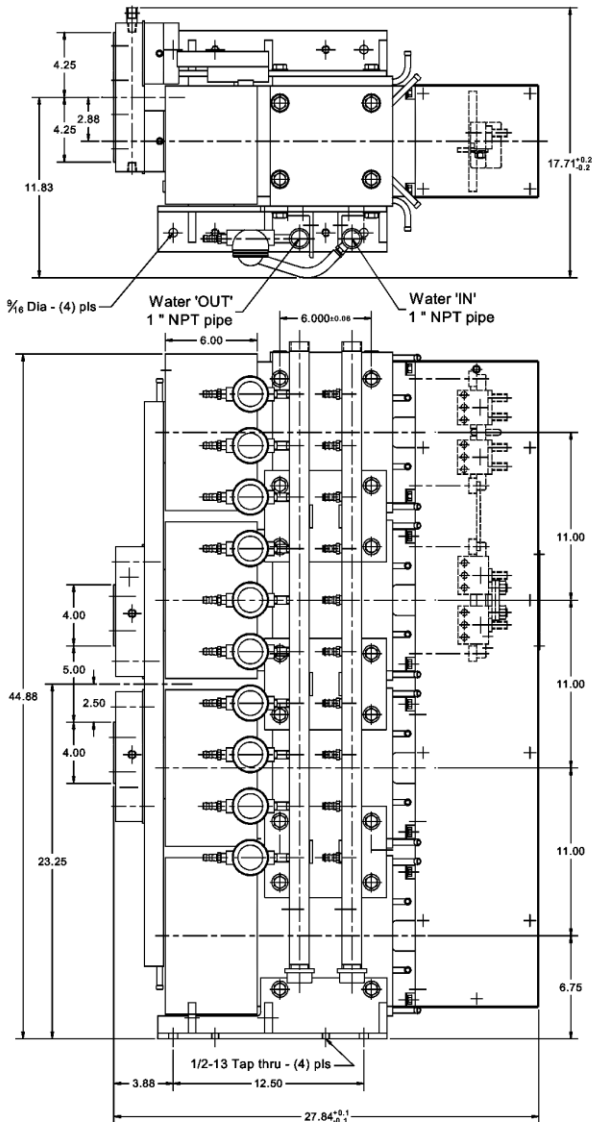
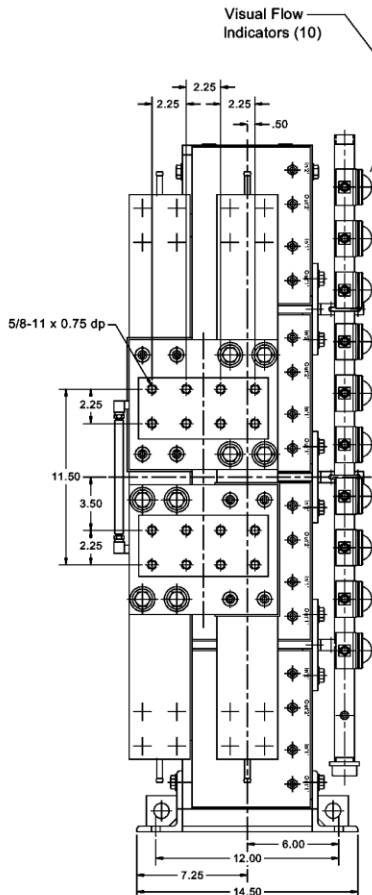
E	ADDED TDC-6885, TDC-8429 TO WHERE USED LIST	KLY	17JUL20
E	REMOVED TDC-6183 FROM WHERE USED LIST. NOW ON ITS OWN DWG	KLY	11OCT18
D	ADDED TDC-6915 & TDC-6918 TO WHERE USED LIST	KLY	21Apr11
REV	DESCRIPTION	DATE	
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SCALE:	NONE	DRAWN BY:	KLY
DATE:	15Feb07	APPROVED BY:	KLY
MANUFACTURING			
RATING CURVE			
			DRAWING NUMBER
			RC5927

A	ADDED TDC-5947 TO 'WHERE USED'	TVD	21MAR07
B	ADDED TDC-5996 TO 'WHERE USED'	KLY	6Jun07
C	ADDED TDC-6183 TO 'WHERE USED'	KLY	12Feb08

RC-5927

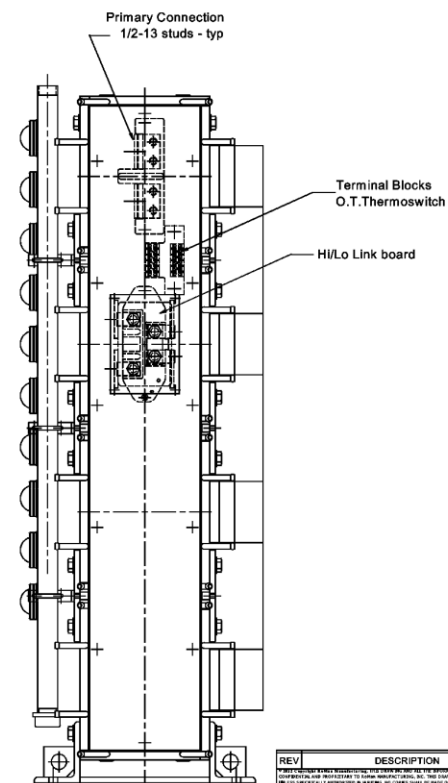
MODEL	KVA @ 50% Duty Cycle	PRIMARY VOLT/FREQ	SECONDARY VOLTAGE (DC)	TURNS RATIO	WEIGHT LBS estimated
TDC-8021	640	650/1000Hz	9.5 - 13.0	68:1 - 50:1	1,150

COOLING REQUIREMENTS: 18 GPM @ 30°C

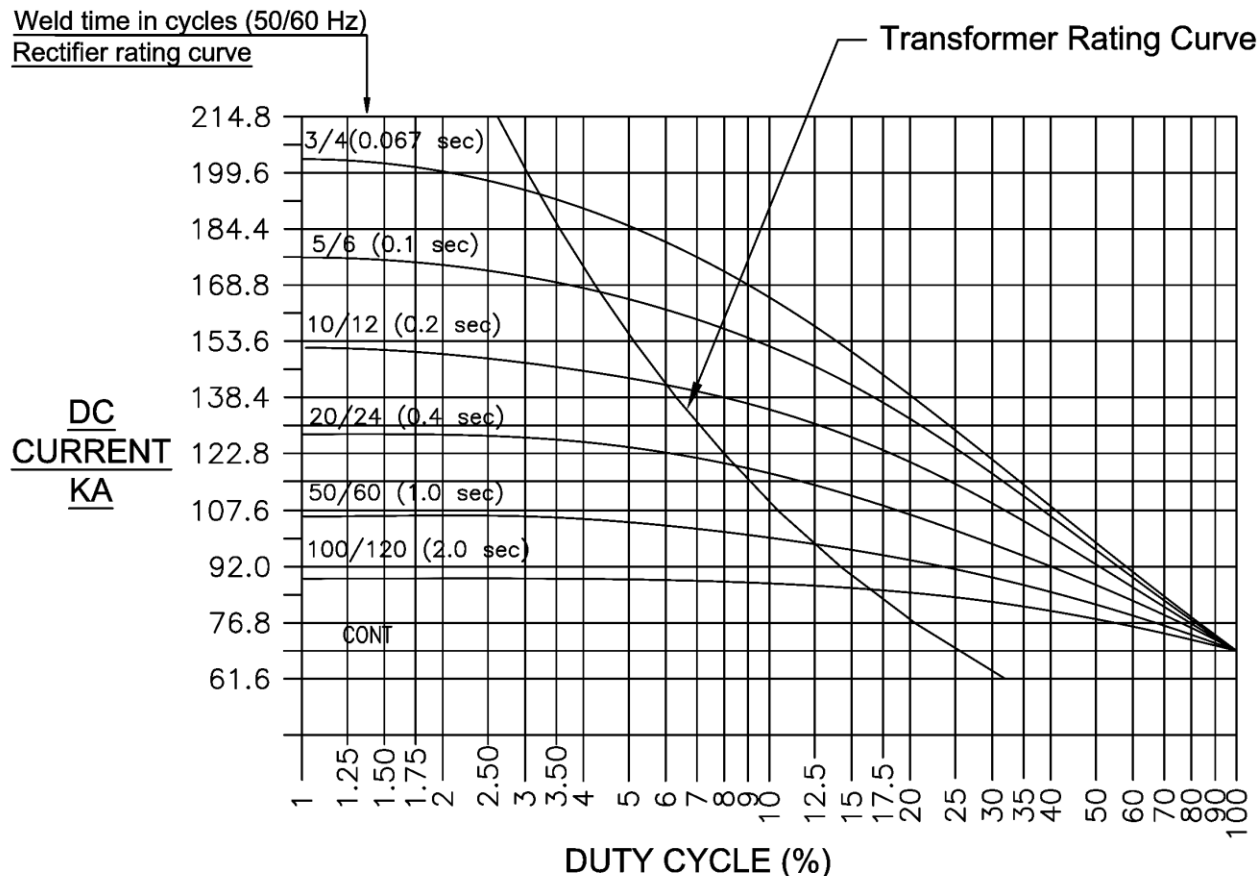


NOTE*

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.

[illegible]

Power Supply Rating Diagram, Single Phase, Center Tap Rectifier. Size 16 Rectifier



Notes:

These curves are based on rated water flow of 16 G.P.M (60 L.P.M.).

Maximum water in temperature of 30°C.

For applications above a 20% duty cycle, contact
Roman Manufacturing for assistance.

Rectifier Rating:

% Duty Cycle is total "On" time in 2.5 seconds.

Transformer Rating:

% Duty Cycle is total "On" time in one minute.

REV	DESCRIPTION	DATE
1	DESCRIPTION	DATE
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SCALE:	NONE	DRAWN BY: KLY
DATE:	2Jul14	APPROX WEIGHT:
RoMan MANUFACTURING		
RATING CURVE		
		DRAWING NUMBER: RC6264

RC-6264

700287