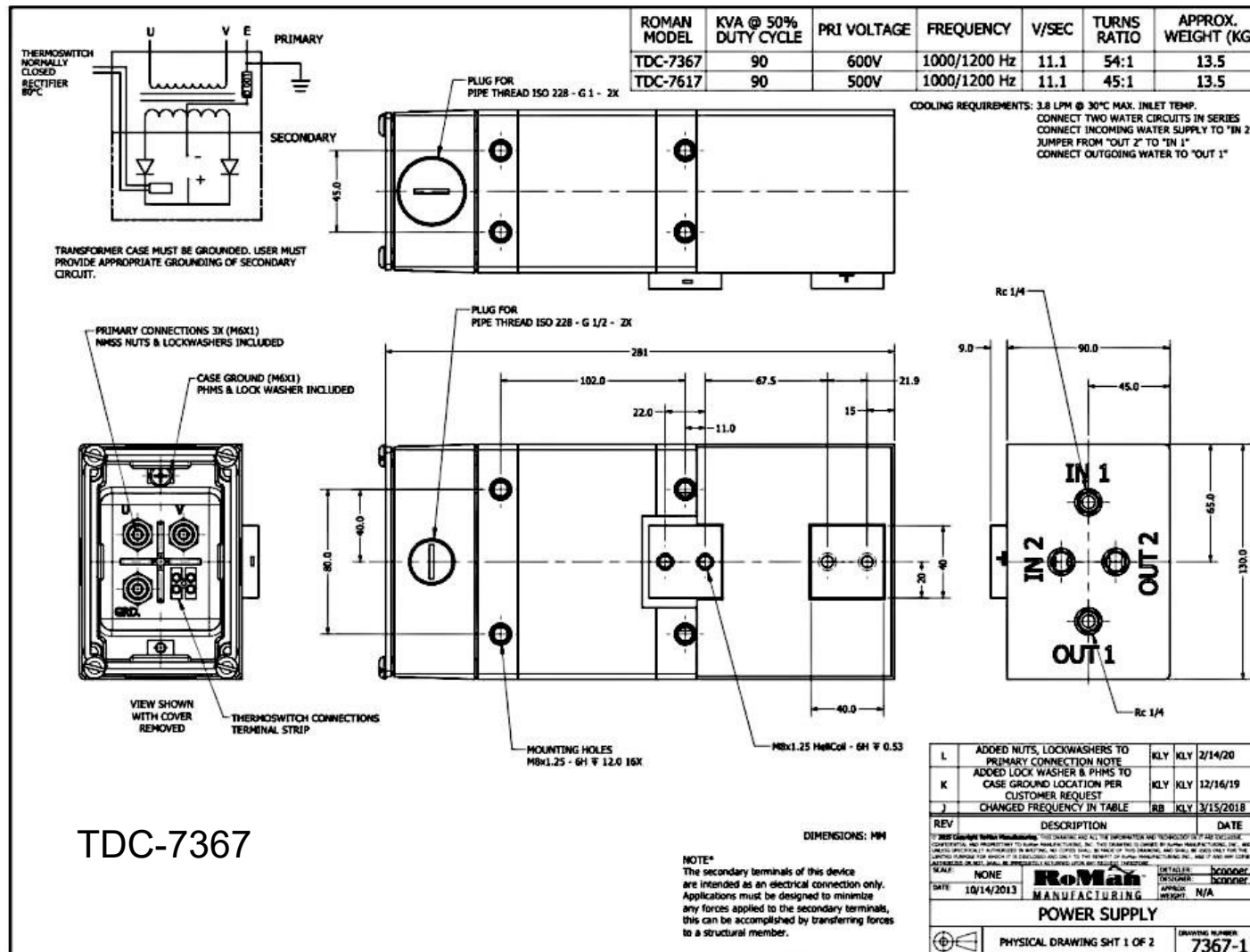


Entron 360-600 Amp Inv.
(Roman TDC-7367, TDC-8438 & TDC-5998 MFDC Transformers)

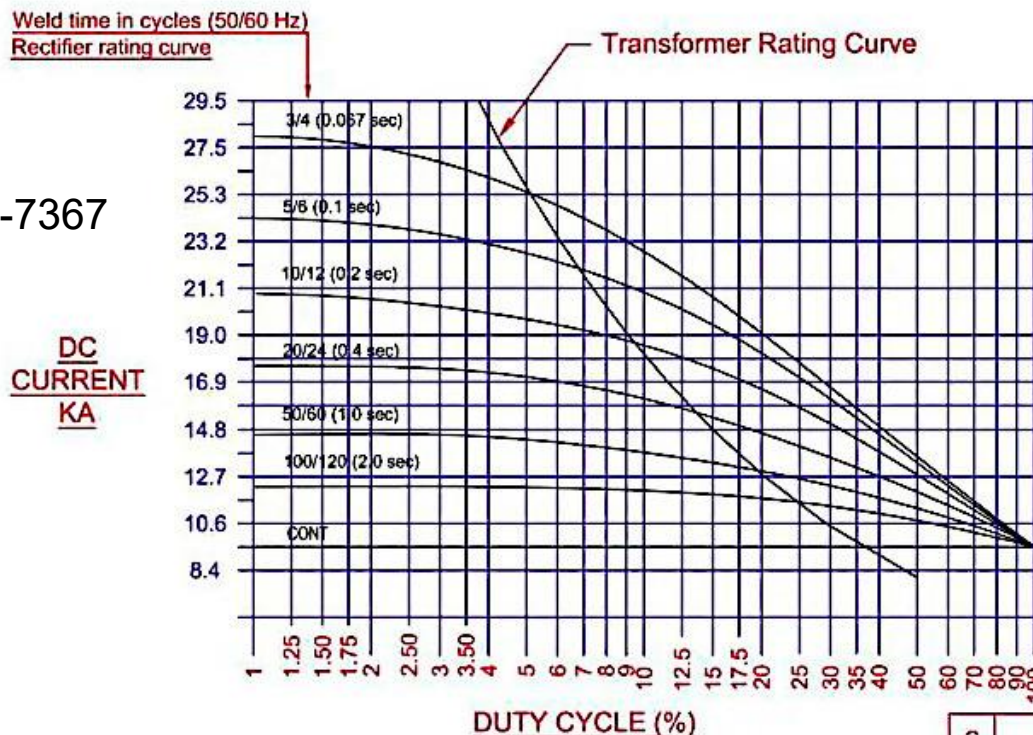


Entron 360-600 Amp Inv.
(Roman TDC-7367, TDC-8438 & TDC-5998 MFDC Transformers)



**Power Supply Rating Diagram, Single Phase, Center Tap Rectifier.
SIZE 2 RECTIFIER**

TDC-7367



Where used
TDC-7367
TDC-8048

Notes:

These curves are based on the rated water flow shown above with the two water circuits connected in series (into circuit 1 and then into circuit 2). Parallel water circuits is ok IF provided with rated water flow into each circuit. Maximum water inlet 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.

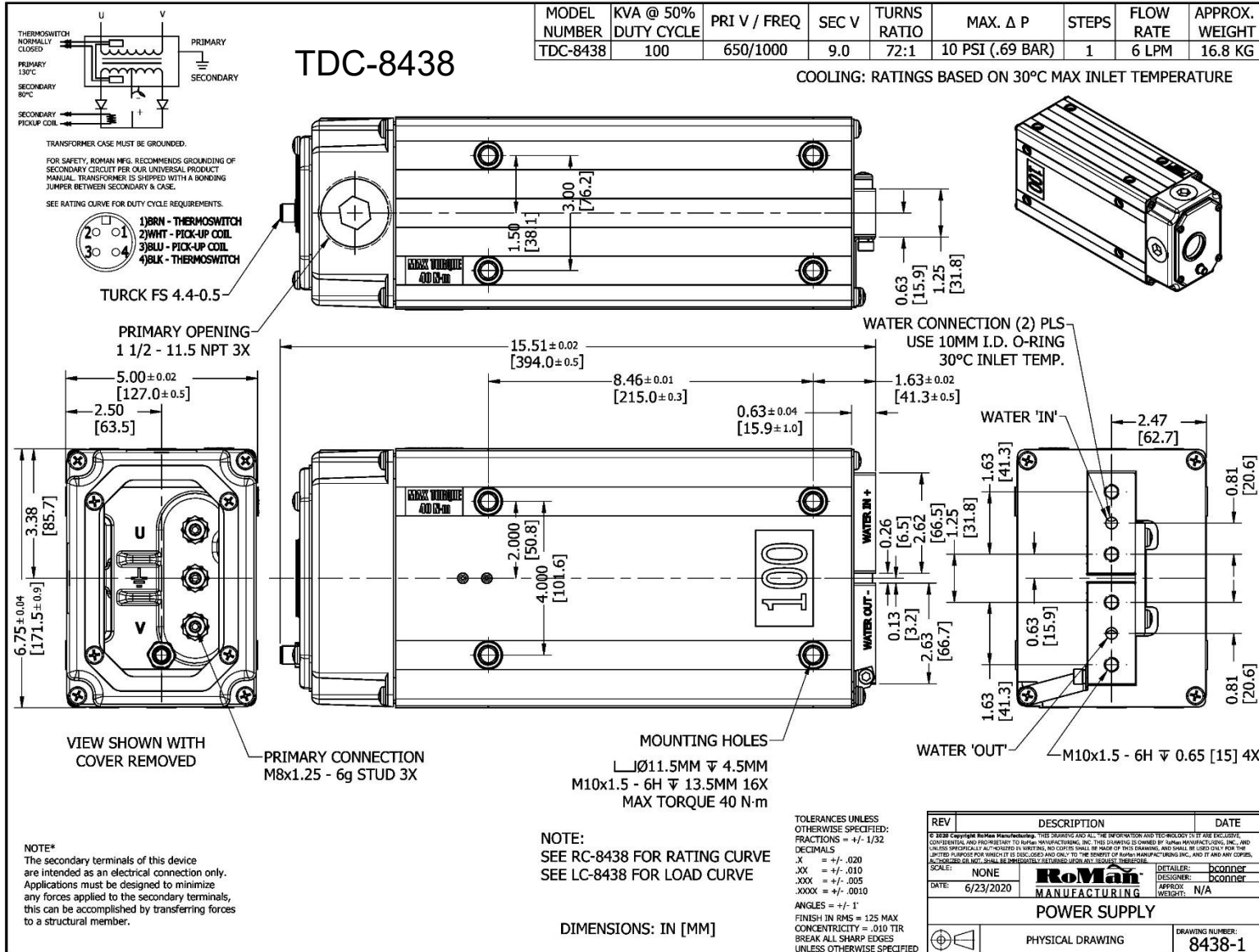
Transformer Rating:

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

C	CORRECTED RECTIFIER DUTY	RD RD	20JUL20
B	ADDED MODEL TDC-8048	GMA KLY	15JAN19
A	MOVED TX RATING CURVE TO RIGHT SINCE KVA UPDATED FROM 80 TO 90	KLY KLY	18DEC13
REV	DESCRIPTION	DATE	
THIS DOCUMENT IS THE PROPERTY OF ROMAN MANUFACTURING, INC. IT IS TO BE USED ONLY FOR THE LIMITED PURPOSES FOR WHICH IT IS ISSUED AND ONLY TO THE BENEFIT OF ROMAN MANUFACTURING, INC. IT AND ANY COPIES, AUTHORIZED OR NOT, SHALL BE IMMEDIATELY RETURNED TO ROMAN MANUFACTURING, INC.			
SCALE:	NONE	RoMan MANUFACTURING	DRAWN BY: KLY
DATE:	6Nov13	APPROX WEIGHT	
RATING CURVE			
			DRAWING NUMBER RC7367 revA

RC-7367

Entron 360-600 Amp Inv.
(Roman TDC-7367, TDC-8438 & TDC-5998 MFDC Transformers)



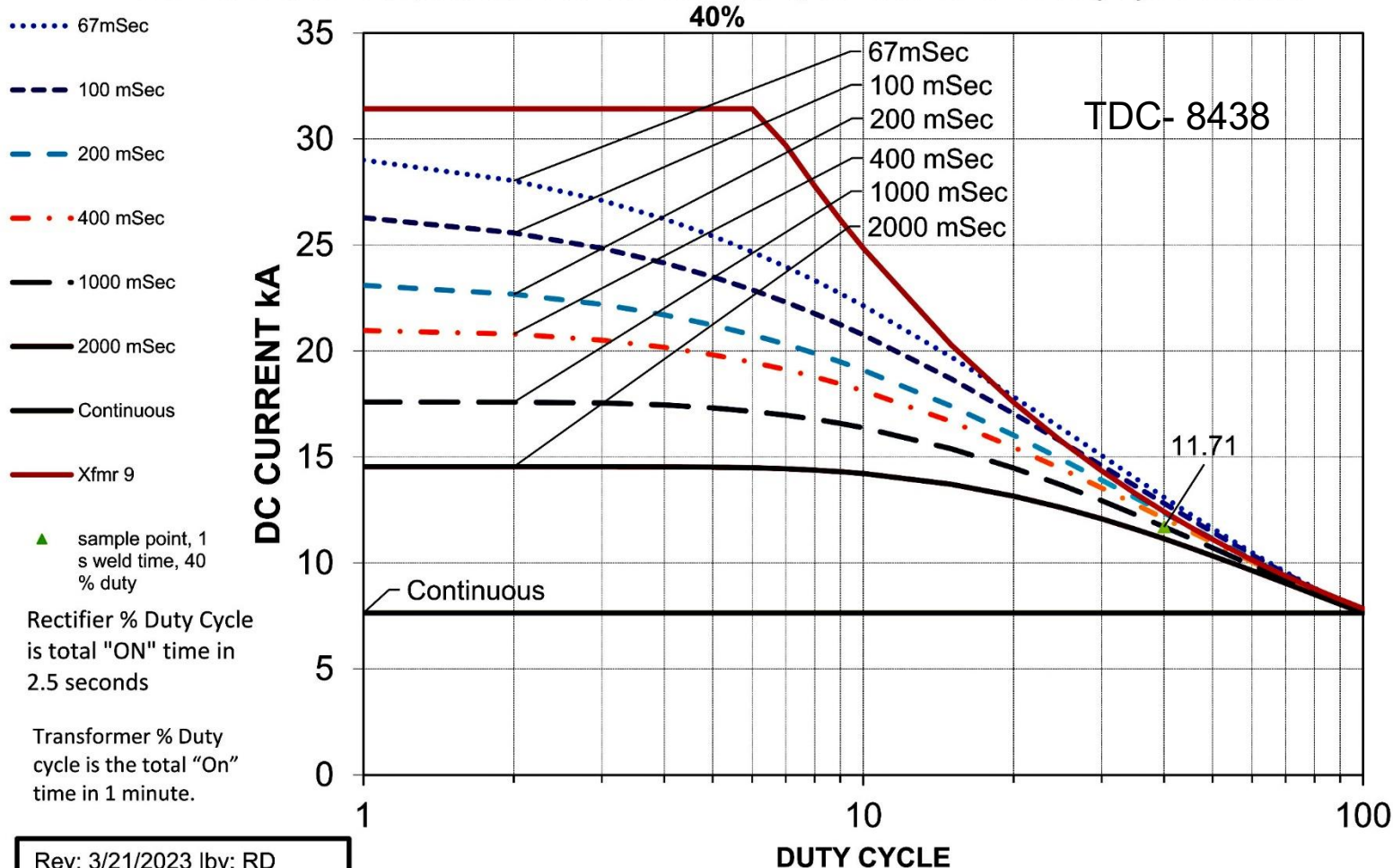
Entron 360-600 Amp Inv.
(Roman TDC-7367, TDC-8438 & TDC-5998 MFDC Transformers)



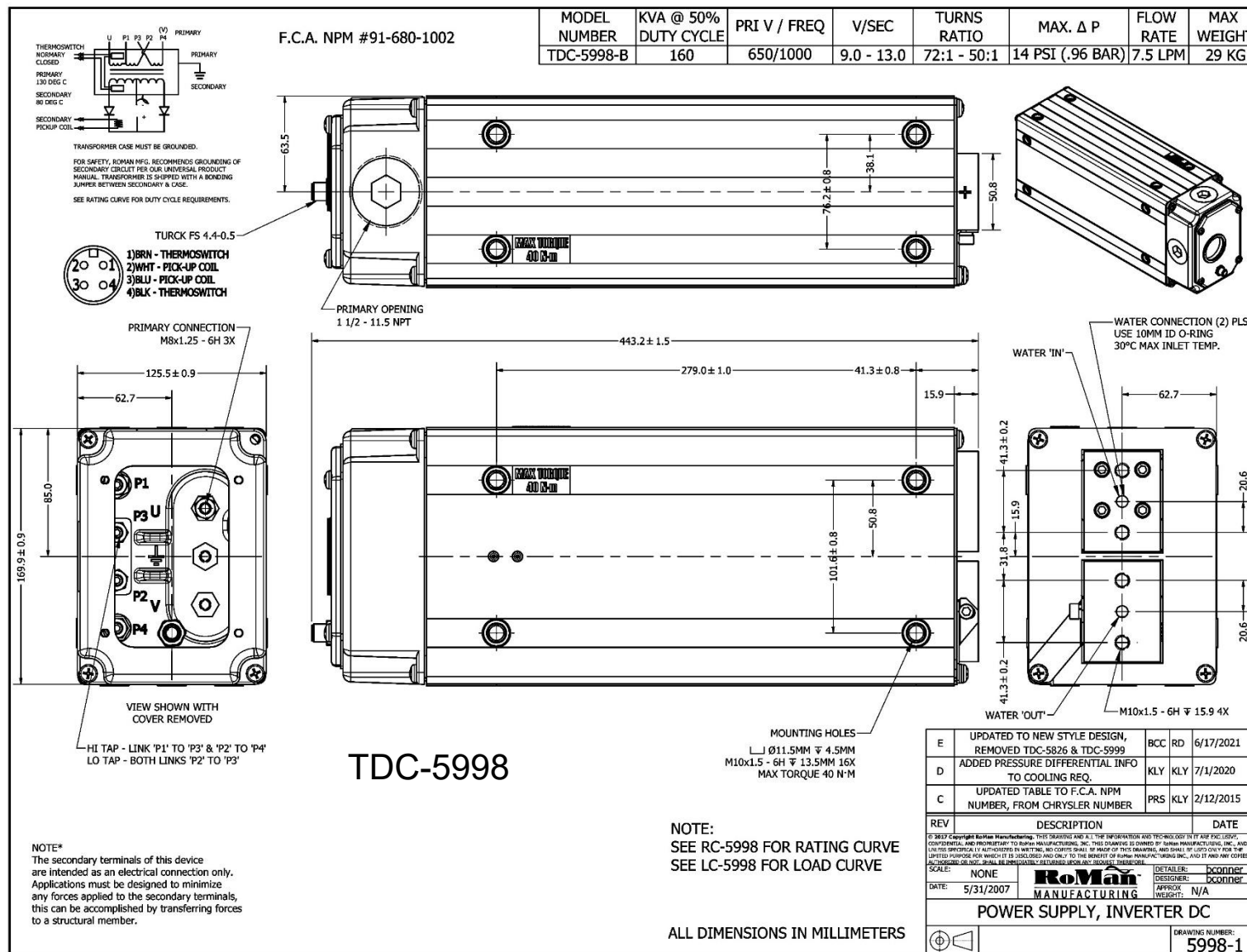
Rating Curve for RoMan 11.7kA40PD , 1 coolant circuits at 1.585 GPM minimum (6.0 LPM) per circuit, 100 kVA @ 50% duty cycle and 9 VDC (transformer). 30 C max coolant inlet temp, 10 million weld life expectation at these conditions, Contact RoMan if duty cycle exceeds

Model Numbers

TDC-8438
TDC-8553
TDC-8554
TDC-8560
TDC-8561
TDC-8562
TDC-8563
TDC-8714
TDC-8746
TDC-8747
TDC-8764
TDC-8775
TDC-8776
TDC-8777



Entron 360-600 Amp Inv. (Roman TDC-7367, TDC-8438 & TDC-5998 MFDC Transformers)



Entron 360-600 Amp Inv.
(Roman TDC-7367, TDC-8438 & TDC-5998 MFDC Transformers)



Rating Curve for RoMan 15.8kA40PD , 1 coolant circuits at 2 GPM minimum (7.5 LPM) per circuit, 160 kVA @ 50% duty cycle and 13 VDC (transformer). 30 C max coolant inlet temp, 10 million weld life expectation at these conditions, Contact RoMan if duty cycle exceeds 40%

Model Numbers

TDC-5826
TDC-5885
TDC-5998
TDC-5999
TDC-6074
TDC-6229
TDC-6326
TDC-6360
TDC-6595
TDC-6779
TDC-6994
TDC-7020
TDC-7082
TDC-7370
TDC-7788
TDC-7839
TDC-8036
TDC-8114
TDC-8300
TDC-8301
TDC-8302
TDC-8303
TDC-8304
TDC-8305
TDC-8483
TDC-8513
TDC-8514
TDC-8515
TDC-8699

