



1.0 DESCRIPTION: .050 KVA CONTROL TRANSFORMER

2.0 DIMENSIONAL SPECIFICATIONS:

- 2.1 #18 AWG WIRE, RED SECONDARY, BLACK PRIMARY
- 2.2 WIRE LENGTHS: X1 = 11 IN., X2 = 6 IN., H1 = 12 IN., H2 = 14 IN.
- 2.3 LUGS: X1, H1, H2 - INSULATED PUSH ON .250 x .032, X2 - RING TYPE, #10 STUD
- 2.4 1/2" MINIMUM SPACING BETWEEN ADJACENT LEADS AND BETWEEN LEADS AND GROUND MEASURED ON COIL SURFACE.
- 2.5 MOUNTING HOLES MUST ACCEPT .188 DIA. PINS ON 3.562 CENTERS

3.0 MATERIALS:

- 3.1 WIRE TO BE 130°C CLASS B NYLON POLYURETHANE
- 3.2 CLASS F (155°C) VARNISH FINISH OVER ENTIRE TRANSFORMER, TO BE APPLIED BY DIPPING OR VACUUM IMPREGNATION. BLACK FINISH OVER ENTIRE TRANSFORMER

4.0 MARKING:

- 4.1 IDENTIFY ALL LEAD WIRES 4" FROM COIL AND 4" FROM THE END OF THE WIRES.
- 4.2 NAMEPLATE TO BE OBTAINED FROM ALLEN-BRADLEY CO. OR TRANSFORMER SUPPLIER. STAMP NAMEPLATE WITH A-B PART NUMBER, PRIMARY AND SECONDARY VOLTAGES, KVA, FREQUENCY, UL RECOGNIZED TYPE DESIGNATION AND CSA FILE NUMBER.
- 4.3 MOUNT NAMEPLATE TO BE READ FROM SECONDARY SIDE.
- 4.4 MARK DATE CODE TO SHOW MONTH AND YEAR OF MANUFACTURE

REFERENCE		CONTROL TRANSFORMER		<p>THIS DRAWING IS THE PROPERTY OF THE ALLEN-BRADLEY CO. INC. AND MAY NOT BE COPIED, USED OR DISCLOSED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING BY THE ALLEN-BRADLEY CO. INC.</p> <p>LOCATION: MILWAUKEE, WISCONSIN U.S.A.</p>					
REVISION AUTHORIZATION		.050 KVA							
DIMENSIONS APPLY BEFORE SURFACE TREATMENT		ALLEN-BRADLEY <small>A ROCKWELL INTERNATIONAL COMPANY</small>							
(DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DR. <i>T. Leonard</i></td> <td>DATE 5/22/00</td> </tr> <tr> <td>CHKD. <i>P. Todd</i></td> <td>DATE 5/24/00</td> </tr> <tr> <td>APPD. <i>C. Maloney</i></td> <td>DATE 5/30/00</td> </tr> </table>				DR. <i>T. Leonard</i>	DATE 5/22/00	CHKD. <i>P. Todd</i>	DATE 5/24/00
DR. <i>T. Leonard</i>	DATE 5/22/00								
CHKD. <i>P. Todd</i>	DATE 5/24/00								
APPD. <i>C. Maloney</i>	DATE 5/30/00								
3	50077-94	.XX: ± .02	DWG. SIZE A	SHEET 1 OF 2	25636-167				
4	50172-94	.XXX: ± .005							
5	2001-00	ANGLES: ± 1°							

5.0 ELECTRICAL SPECIFICATIONS:

- 5.1 TEMPERATURE RISE LESS THAN 55°C AT FULL LOAD, NOMINAL VOLTS AND LOWEST RATED FREQUENCY.
- 5.2 DIELECTRIC TEST BETWEEN WINDINGS AND TO FRAME 1500 VOLTS, 60 HZ.

6.0 WINDING DATA:

- 6.1 SECONDARY TO BE INSIDE WINDING.
- 6.2 SEE TABLE FOR VOLTAGE AND FREQUENCY.

7.0 VENDOR MODIFICATIONS: A-B SHALL BE NOTIFIED OF ANY CHANGES IN MATERIALS OR PROCESSES WHICH COULD AFFECT THE PERFORMANCE, RELIABILITY OR PHYSICAL CHARACTERISTICS OF THIS DEVICE.

8.0 PACKAGING

SHIPPING CONTAINERS MUST BE MARKED WITH MANUFACTURER'S NAME AND PART NUMBER.

PART NO.	CHG. LTR.	PRIMARY VOLTS.	SECOND. VOLTS.	HZ	A-B NAMEPLATE (REF. ONLY)
-01	C	480	120	60	44010-133-02
-02	C	240	120	60	44010-133-03
-03	C	600	120	60	44010-133-04
-04	B	208	120	60	44010-133-08
-05	B	380	110	50	44010-133-09
-06	B	415	110	50	44010-133-10
-07	B	220	110	50	44010-133-11



REFERENCE		CONTROL TRANSFORMER		THIS DRAWING IS THE PROPERTY OF THE ALLEN-BRADLEY CO. INC. AND MAY NOT BE COPIED, USED OR DISCLOSED FOR ANY PURPOSE EXCEPT AS AUTHORIZED IN WRITING BY THE ALLEN-BRADLEY CO. INC. LOCATION: MILWAUKEE, WISCONSIN U.S.A.	
		.050 KVA			
REVISION AUTHORIZATION 3 50077-94 4 50172-94 5 2001-00		DIMENSIONS APPLY BEFORE SURFACE TREATMENT (DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED .XX: ± .02 .XXX: ± .005 ANGLES: ± 1°			
		ALLEN-BRADLEY A ROCKWELL INTERNATIONAL COMPANY			
		DR. <i>T. L...</i>	DATE 5/22/00	DWG. SIZE A SHEET 2 OF 2 25636-167	
		CHKD. <i>R...</i>	DATE 5/24/00		
		APPD. <i>C. M...</i>	DATE 5/30/00		