

CLASSIFICATION TABLE					CLASSIFICATION TABLE								
CHARACTERISTIC -OR- DIMENSION	COMMENT	DRAWING LOCATION (ZONE)	P	F	A	R	CHARACTERISTIC -OR- DIMENSION	COMMENT	DRAWING LOCATION (ZONE)	P	F	A	R
.083		A1	X				1.00 ±.06		C6		X		
.110 MIN.		A3	X				.88 MIN		C7		X		
2.00 +.06 / -.03		B1	X				TAPE NOTE		D4	X			
TERMINAL	NOTE	D1		X			3.31 MAX.		D2		X		
.38 MIN.		C4		X			3.25		B5		X		
							3.12		D6		X		

P = PERFORMANCE, F = FIT, A = ASSEMBLY (USE ONLY WITH \diamond SYMBOL)
 X = IDENTIFIES APPLICABLE CLASSIFICATION(S)
 \diamond = REQUIRED BY ENGINEERING AND/OR MANUFACTURING
 (R) = STRICT CONFORMANCE TO SPECIFICATION REQUIRED AND IS NOT NEGOTIABLE (MAY BE REQUIRED BY REGULATORY AGENCY)

REFERENCES		CONTROL TRANSFORMER		WAS	
REVISION	DIMENSIONS APPLY BEFORE SURFACE TREATMENT	.130 KVA		ALLEN-BRADLEY MILWAUKEE, WISCONSIN	
RELEASE	(DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED	SINGLE VOLTAGE			
1 50058-88	2 PLACE DECIMAL (.XX)	WITH INTERNAL PRIMARY PROTECTION		SHEET 1 OF 3	
2 50172-99	±.02	DR. L. TANASKOVIC	DATE 11-7-86	DWG. SIZE	
	3 PLACE DECIMAL (.XXX)	CHKD. D. GAWRONSKI	DATE 11-20-86	A	
	±.005	APPD. G. BRUSKI	DATE 2-1-88	25636-165	
REFER. BOOK	ANGLES ± 10				

ALL PARTS MUST BE CAPABLE OF MEETING THE REQUIREMENTS SPECIFIED HEREIN:

1.0 DESCRIPTION: .130 KVA CONTROL TRANSFORMER WITH INTERNAL PRIMARY PROTECTION.

2.0 DIMENSIONAL SPECIFICATIONS:

- 2.1 1/2" MINIMUM SPACING BETWEEN ADJACENT TERMINALS AND BETWEEN TERMINALS AND GROUND MEASURED ON COIL SURFACE.
- 2.2 MOUNTING SLOTS MUST ACCEPT .195 DIA. PINS ON 3.125 X 3.250 CENTERS.

3.0 MATERIALS:

- 3.1 WIRE TO BE 130°C CLASS B NYLON POLYURETHANE.
- 3.2 BLACK FINISH OVER ENTIRE TRANSFORMER, EXCEPT TERMINALS.
- 3.3 CLASS F (155°C) VARNISH SHALL BE APPLIED TO TRANSFORMER BY DIPPING OR VACUUM IMPREGNATION.
- 3.4 MICRO DEVICE, 4000 SERIES, THERMAL CUTOFF IN SERIES WITH EACH PRIMARY TERMINAL SHOWN ON TABLE.
- 3.4.1 THERMAL CUTOFFS MOUNTED INTERNAL TO TRANSFORMER.

4.0 MARKING:

- 4.1 IDENTIFY ALL TERMINALS ON SIDE OF COIL.
- 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.


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 2500 VOLTS 60 HERTZ.

6.0 WINDING DATA:

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

7.0 QUALITY ASSURANCE AT A-B: CHECK VOLTAGES (TABLE ON PAGE 3) AND HI-POT PER LINE 5.2.


REFERENCES		CONTROL TRANSFORMER		WAS	
REVISION		.130 KVA		 ALLEN-BRADLEY <small>A ROCKWELL INTERNATIONAL COMPANY MILWAUKEE, WISCONSIN</small>	
RELEASE		SINGLE VOLTAGE			
1 50058-88		WITH INTERNAL PRIMARY PROTECTION			
2 50172-94		DR. D. GAWRONSKI			
		DATE 1-28-88		SHEET 2 OF 3	
		CHKD. D.G.		DATE 1-28-88	
REFER. BOOK		APPD. G. BRUSKI		DATE 2-1-88	
				DWG. SIZE A	
				25636-165	

8.0 **A-B IDENTIFICATION: BILL OF MATERIAL**
 COMPLETE IDENTIFICATION SHALL INCLUDE COMPLETE PART NUMBER AND NAME OF DEVICE AS IT APPEARS IN TITLE BLOCK.

9.0 **VENDOR MODIFICATIONS AND RESPONSIBILITIES**
 A-B SHALL BE NOTIFIED OF ANY CHANGES IN MATERIALS OR PROCESSES WHICH COULD AFFECT THE PERFORMANCE, RELIABILITY, OR PHYSICAL CHARACTERISTICS OF THIS DEVICE.
 IN THE EVENT OF NON-CONFORMANCE, VENDORS SHALL BE INFORMED OF THE TEST METHODS USED TO DETERMINE REJECTION AND SHALL BE REQUIRED TO ADJUST DEFICIENCIES.

10.0 **PACKAGING:**
 CONTAINERS SHALL BE MARKED WITH MANUFACTURER'S NAME AND PART NUMBER.

PART NO.	CHG LTR.	KVA	VOLTAGES		HERTZ	THERMAL CUTOFF SERIES TERMINAL SEE NOTE 3.4	A-B NAMEPLATE (REF. ONLY)
			PRIMARY	SECONDARY			
-01	A	.130	550 600	110 120	50/60 60	H1, H2	43010-286-06
-02	A	.130	208	120	60	H1, H2	43010-286-07

REFERENCES		CONTROL TRANSFORMER		WAS	
REVISION RELEASE		.130 KVA		 ALLEN-BRADLEY A ROCKWELL INTERNATIONAL COMPANY MILWAUKEE, WISCONSIN	
1 50058-83		SINGLE VOLTAGE			
2 50174-94		WITH INTERNAL PRIMARY PROTECTION			
REFER. BOOK		DR. D. GAWRONSKI		DATE 1-28-88	
		CHKD. D.G.		DATE 1-28-88	
		APPD. G. BRUSKI		DATE 2-1-88	
		SHEET 3 OF 3		DWG. SIZE A	
				25636-165	