

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		
1.38 ^{+.03} _{-.02}		B1	X				TAPE NOTE		D4	X			
TERMINAL	NOTE	D1		X			2.38		B5		X		
.44 MIN.		C4		X			2.82		D6		X		

P = PERFORMANCE, F = FIT, A = ASSEMBLY (USE ONLY WITH \diamond SYMBOL)
 X = IDENTIFIES APPLICABLE CLASSIFICATION(S)
 G \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	.075 KVA		ALLEN-BRADLEY MILWAUKEE, WISCONSIN	
RELEASE	(DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED	SINGLE VOLTAGE			
1 5005R-88	2 PLACE DECIMAL (.XX) ± .02	WITH INTERNAL PRIMARY PROTECTION		SHEET 1 OF 3	
2 5017R-94	3 PLACE DECIMAL (.XXX) ± .005	DR. L. TANASKOVIC	DATE 11-7-86	DWG. SIZE A 25636-101	
	ANGLES ± 1°	CHKD. D. GAWRONSKI	DATE 11-19-86		
REFER. BOOK		APPD. G. BRUSKI	DATE 2-1-88		

- A** ALL PARTS MUST BE CAPABLE OF MEETING THE REQUIREMENTS SPECIFIED HEREIN:
- 1.0 DESCRIPTION:** .075 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 2.375 X 2.812 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. MARK 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° 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		DIMENSIONS APPLY BEFORE SURFACE TREATMENT		.075 KVA	
RELEASE		(DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED		SINGLE VOLTAGE	
1	50058-88	2 PLACE DECIMAL (.XX)		WITH INTERNAL PRIMARY PROTECTION	
2	50172-94	±		DR. D. GAWRONSKI	DATE 1-28-88
		3 PLACE DECIMAL (.XXX)		CHKD. D.G.	DATE 1-28-88
		±		APPD. G. BRUSKI	DATE 2-1-88
REFER. BOOK		ANGLES ±		SHEET 2 OF 3	
				DWG. SIZE	25636-101
				A	




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 <i>SEE NOTE 3.4</i>	A-B NAMEPLATE (REF. ONLY)
			PRIMARY	SECONDARY			
-01	A	.075	550 600	110 120	50/60 60	H1, H2	43010-286-03
-02	A	.075	208	120	60	H1, H2	43010-286-04

REFERENCES		CONTROL TRANSFORMER			WAS	
REVISION		DIMENSIONS APPLY BEFORE SURFACE TREATMENT (DIMENSIONS IN INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED 2 PLACE DECIMAL (.XX) ± 3 PLACE DECIMAL (.XXX) ± ANGLES ±	.075 KVA			 ALLEN-BRADLEY A ROCKWELL INTERNATIONAL COMPANY MILWAUKEE, WISCONSIN
RELEASE			SINGLE VOLTAGE			
1	50058-88		WITH INTERNAL PRIMARY PROTECTION			
2	50172-94		DR. D. GAWRONSKI	DATE	1-28-88	
REFER. BOOK		CHKD. D.G.	DATE	1-28-88	DWG. SIZE	25636-101
		APPD. G. BRUSKI	DATE	2-1-88	A	