

PRODUCT INFORMATION PACKET



Model No: HST150
Catalog No: HST150

Centurion PRO ® Motors Pool Pump Motor, 1.5 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 56J Frame, ODP



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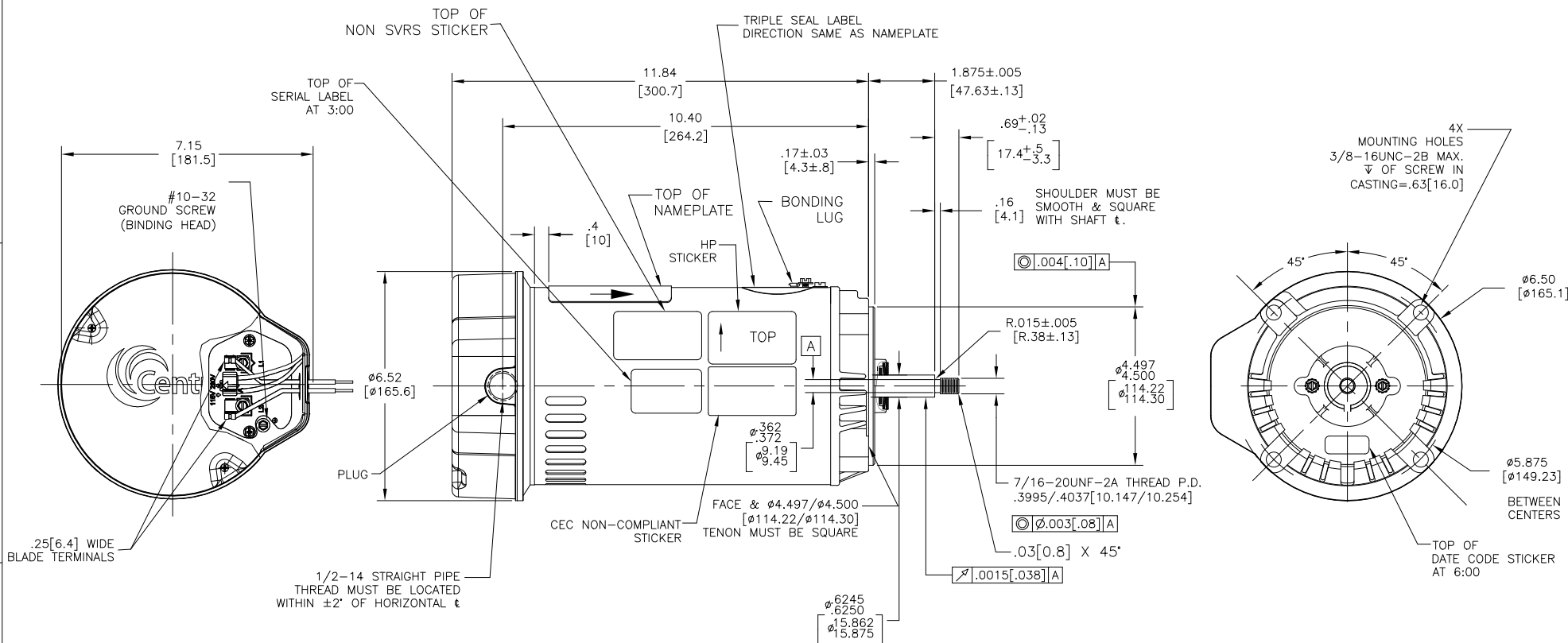
Nameplate Specifications

Output HP	1.5 Hp	Output KW	1.1 kW
Frequency	60 Hz	Voltage	230/115 V
Current	8.6/17.2 A	Speed	3450 rpm
Service Factor	1	Phase	1
Duty	Continuous	Insulation Class	F
Frame	56J	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Poles	2
Rotation	Counterclockwise Pump End	Mounting	Round
Motor Orientation	Horizontal	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	7/16 Threaded	Overall Length	14.41 in
Frame Length	8.38 in	Shaft Diameter	0.625 in
Shaft Extension	2.562 in		
Outline Drawing	HST150-S01	Connection Drawing	D0000312-001

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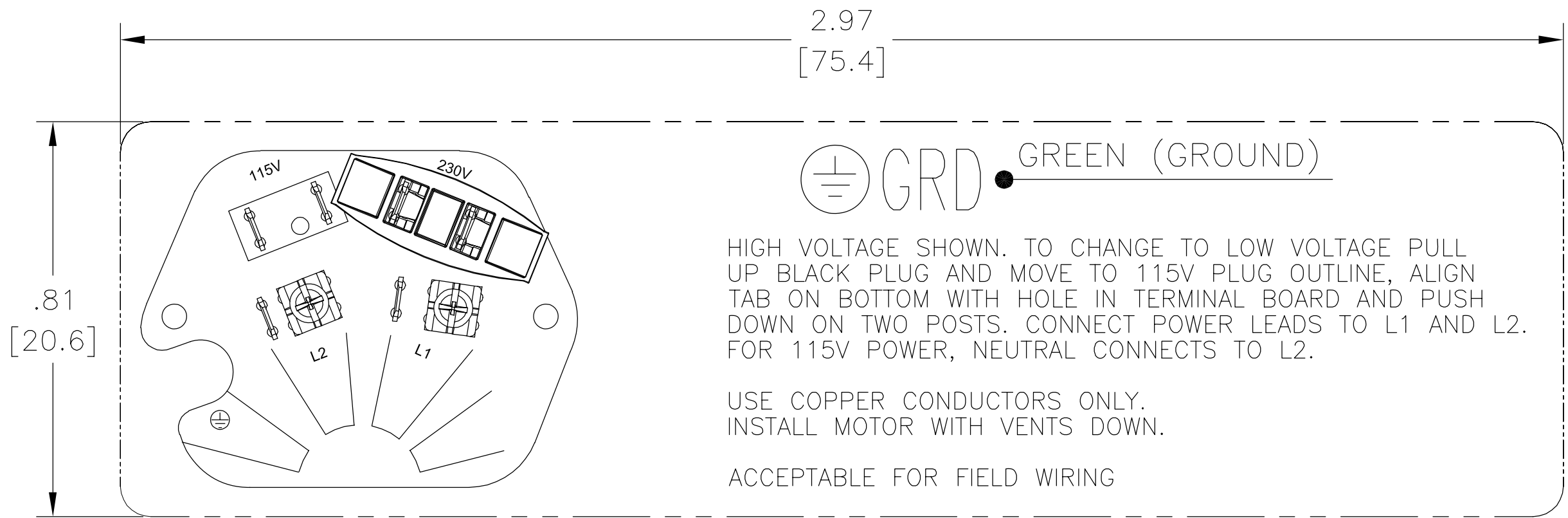


NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: C48AB48A01 CUST PN: HST150 HP: 1.5 SF: 1.00 ROT: CCWPE RPM: 3450 TYPE: C FORM: VOLTS: 230/115 AMPS: 8.6/17.2 MAX AMPS: - SF AMPS: - PH: 1 HZ: 60 INS: F AMB: 50 DUTY: CONT ENCLOSURE: ODP THERM. PROT. CET40ABM	115V 230V L1 L2 L3 GREEN (GROUND) HIGH VOLTAGE BROWN TO CHANGE TO LOW VOLTAGE PULL UP BLACK PLUG AND MOVE TO 115V POSITION. ALIGN ARROW ON PLUS TO ARROW ON TERMINAL BOARD AND PUSH DOWN ON TWO POSTS. CONNECT POWER LEADS TO L1 AND L2. FOR 115V POWER, NEUTRAL CONNECTS TO L3. USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING D0000312-007	1. FINISH PAINT TO BE SATIN BLACK. 2. .44[11.1] WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. 3. STAINLESS STEEL SHAFT EXT. 4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001[.03]. 5. DUAL VOLTAGE MOTORS ARE TO BE CONNECTED FOR HIGHER VOLTAGE. QUICK VOLTAGE CHANGE PLUG INCLUDED ON THE TERMINAL BOARD. 6. SUPPORT PAD TO BE PACKED WITH EACH MOTOR 7. CTQ REQUIREMENT SEE EP000105-008 8. RoHS & REACH REQUIREMENT SEE EP000014.

PERFORMANCE CURVE		APPROVED SAMPLE	
C48L2W36		OER-00004107	
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E46412	PRGY2	LR43341	4211-02
CUSTOMER	DISTRIBUTION SERVICES		

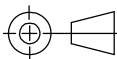
CRITICAL TO QUALITY CHARACTERISTICS(CTQs)	DRAWING REVISION U ECO ECR-0219505 ECO DESCRIPTION UPDATED NAMEPLATE LOCATION	REVISION BY RAJESH APPROVED BY PVR	DATE 2/1/2023 2/1/2023	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH mm ANGLE X ±.01 (±.3) ±0.5° XX ±.02 (±.5) XXX ±.005 (±.13) XXXX ±.0005 (±.013) REMOVE BURRS & BREAK SHARP EDGES .003/.015 (.08/.38) CORNER FILLETS .02 (.5) MACHINED SURFACES .125/32 mm SHOWN IN [BRACKETS]	DRAWN BY: J. JOHNS DATE: 12-14-2011 APPROVED BY: FS3 DATE: 12-14-2011 REFERENCE THIRD ANGLE PROJECTION	Regal Beloit America, Inc. MODEL-PFHP-48FR OUTLINE MATERIAL PROCESS/FINISH SIZE DWG NO HST150 SHEET 1
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REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0026812	J. JOHNS	06/11/2012	M. OVERHOLSER	06/11/2012

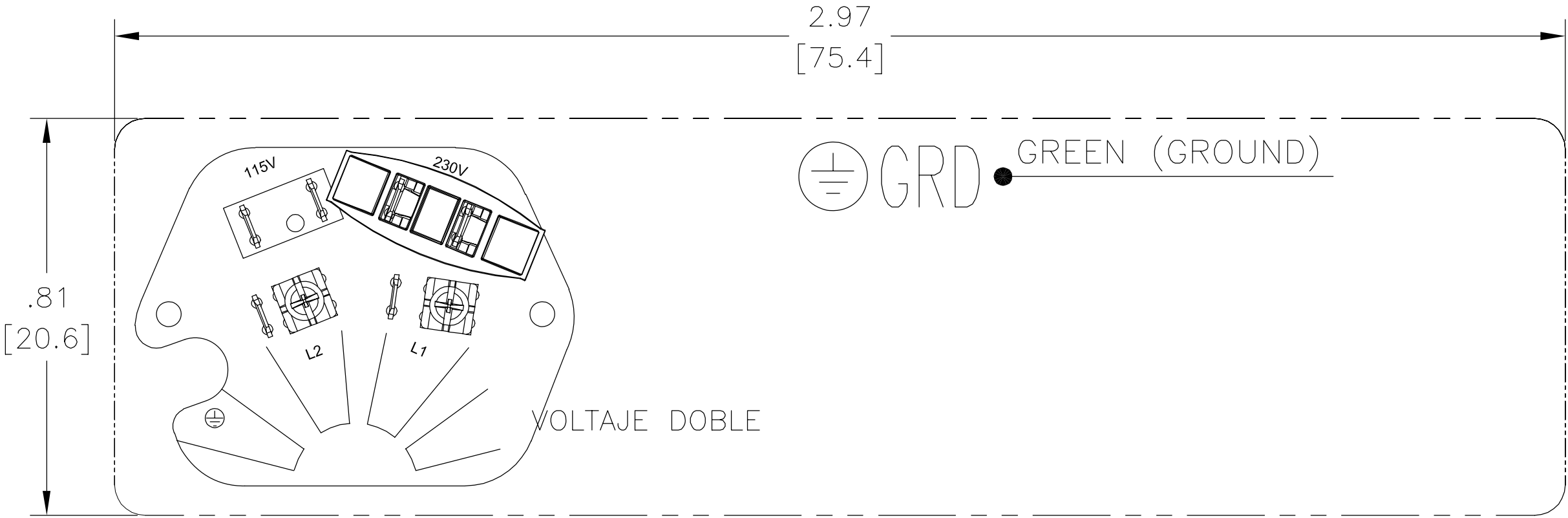


USED FOR DUAL VOLTAGE – 230 VOLTS

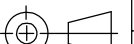
- NOTE:
- 1. FOR USE WITH 2514896 NAME PLATE BLANK.
 - 2. _____ INDICATES DIMENSIONAL LIMITS.
 - 3. DIE MUST PRODUCE A LEGIBLE IMPRESSION.

GEOMETRIC CHARACTERISTICS & SYMBOLS ∟ FLATNESS — STRAIGHTNESS ∠ ANGULARITY ⊥ PERPENDICULARITY (SQUARENESS) // PARALLELISM ○ ROUNDNESS (CIRCULARITY) ⊘ CYLINDRICITY △ PROFILE OF ANY SURFACE ⌒ PROFILE OF ANY LINE ↑ RUNOUT ⊕ TRUE POSITION ◎ CONCENTRICITY = SYMMETRY ASME Y14.5M 1994	UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS: INCH X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 DEG REMOVE BURRS & BREAK SHARP EDGES: INCH .003–.015 mm 0.1–0.4 CORNER FILLETS TO: INCH .020 mm 0.5 MACHINE SURFACES: INCH 125 mm 3.2 METRIC DIMS. SHOWN IN [BRACKETS]	DR BY: J. JOHNS	02/07/2011	 REGAL-BELOIT CORPORATION	
		APPD: FS3	02/07/2011	DESCRIPTION CONN DIAGRAM—NAMEPLATE	
		THIRD ANGLE PROJECTION 	EDS DATE 11-11-2011 FORMAT REV H		
		CONFIDENTIAL: THIS DRAWING AND ITS INFORMATION ARE THE EXCLUSIVE AND CONFIDENTIAL PROPERTY OF REGAL-BELOIT CORPORATION AND ARE NOT TO BE DISCLOSED, DUPLICATED, DISTRIBUTED OR OTHERWISE USED WITHOUT THE WRITTEN CONSENT OF REGAL-BELOIT CORPORATION. —ALL RIGHTS RESERVED.			
		SIZE A		DWG NO D0000312—001	
		SCALE NONE		SHEET 1	

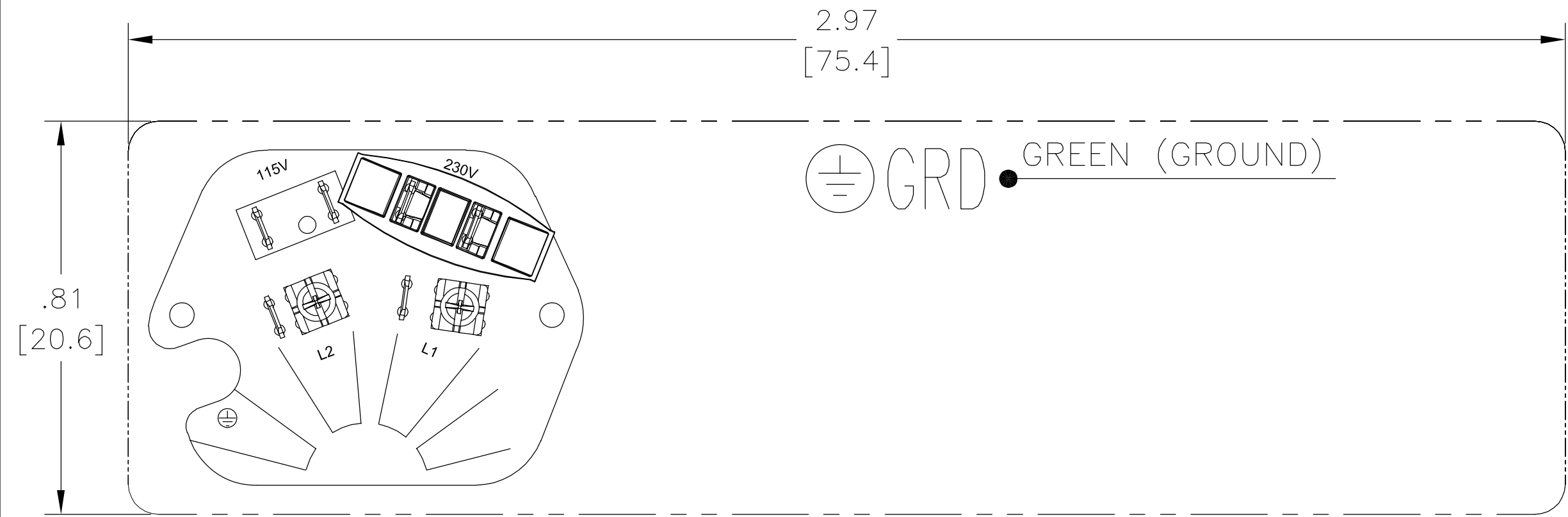
REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	ECO-0026812	J. JOHNS	06/11/2012	M. OVERHOLSER	06/11/2012



- NOTAS:
1. PARA USARSE CON LA PLACA DE DATOS EN BLANCO 616231.
 2. INDICA LIMITES DIMENSIONALES.
 3. EL DADO DEBE PRODUCIR UNA IMPRESION LEGIBLE.

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS ∇ PLANICIDAD — RECTITUD ∠ ANGULARIDAD ⊥ PERPENDICULARIDAD (A ESCUADRA) // PARALELISMO ○ REDONDEZ (CIRCULARIDAD) ⊘ CILINDRICIDAD ⌒ PERFIL DE CUALQUIER SUPERFICIE ⌒ PERFIL DE CUALQUIER LINEA ↑ VARIACION ⊕ POSICION REAL ◎ CONCENTRICIDAD ≡ SIMETRIA	A MENOS QUE SE ESPECIFIQUE DE OTRA MANERA, LAS TOLERANCIAS DE LAS DIMS: SON LAS SIGUIENTES: X XX XXX XXXX PULG ±.1 ±.02 ±.005 ±.0005 mm ±0.5 ±0.13 ±0.013 ANG. ±.50 GRADOS ELIMINAR REBABAS Y ORILLAS FILOSAS DEL BORDE. PULG .003-.015 mm 0.1-0.4 FILETEAR ESQUINA: PULG .020 mm 0.5 MAQUINAR SUPERFICIES PULG 125 mm 3.2	DIBUJADO POR: J. JOHNS		02/07/2011		 REGAL-BELOIT CORPORATION		
		APROBADO POR: FS3		02/07/2011		DESCRIPCION: CONN DIAGRAM-NAMEPLATE		
		TERCER ANGULO DE PROYECCION		FECHA EDS: 11-11-2011 REV. FORMATO: H				
		CONFIDENCIAL: ESTE DIBUJO Y SU INFORMACION SON PROPIEDAD DE USO EXCLUSIVO Y CONFIDENCIAL DE REGAL-BELOIT CORPORATION Y NO DEBERAN SER REVELADOS, Duplicados, DISTRIBUIDOS O USARSE DE OTRA MANERA SIN EL CONSENTIMIENTO ESCRITO DE REGAL-BELOIT CORPORATION.-TODOS LOS DERECHOS RESERVADOS.				TAMAÑO: A	NUMERO DE DIBUJO: D0000312-001	
		ASME Y14.5M 1994				ESCALA: NONE		HOJA: 1

版本	ECO	编制	日期	批准	日期
B	ECO-0026812	J. JOHNS	06/11/2012	M. OVERHOLSER	06/11/2012



用于双电压230伏特

技术要求

- 1、用于616231空白铭牌。
- 2、----表明尺寸范围。
- 3、字迹必须清晰。

形位公差 □ 平面度 — 直线度 ∠ 倾斜度 ⊥ 垂直度 // 平行度 ○ 圆度 ⊙ 圆柱度 △ 面轮廓度 ∩ 线轮廓度 ↗ 圆跳动 ⊕ 位置度 ◎ 同轴度 ≡ 对称度
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ASME Y14.5M 1994