

PRODUCT INFORMATION PACKET



Model No: HST110
Catalog No: HST110

Centurion PRO ® Motors Pool Pump Motor, 1.10 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 56J Frame, ODP



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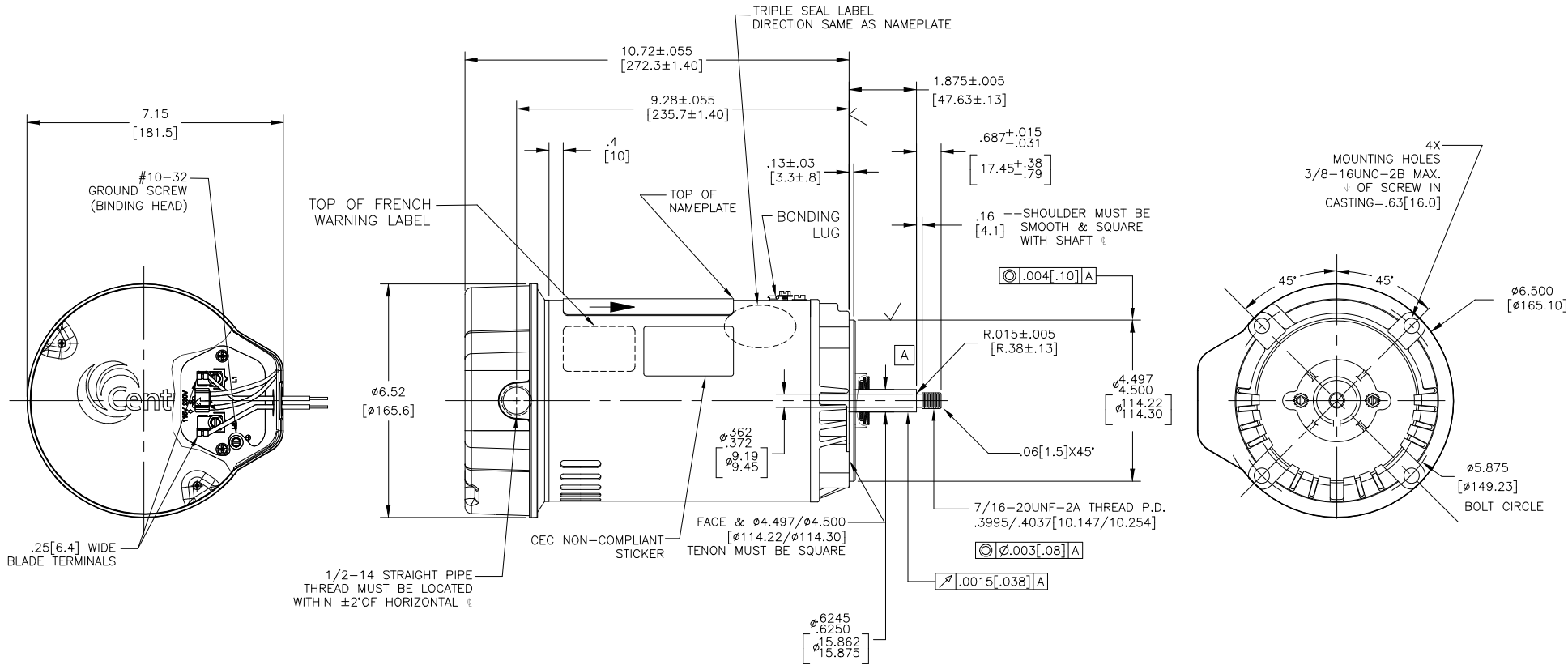
Nameplate Specifications

Phase	1	Output HP	1.10 Hp
Output KW	0.82 kW	Voltage	230/115 V
Speed	3450 rpm	Service Factor	1
Frame	56J	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	50 °C
Frequency	60 Hz	Current	6.8/13.6 A
Duty	Continuous	Insulation Class	F
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	13.28 in
Frame Length	7.25 in	Shaft Diameter	0.625 in
Shaft Extension	2.562 in		
Outline Drawing	HST110-S01	Connection Drawing	D0000312-001

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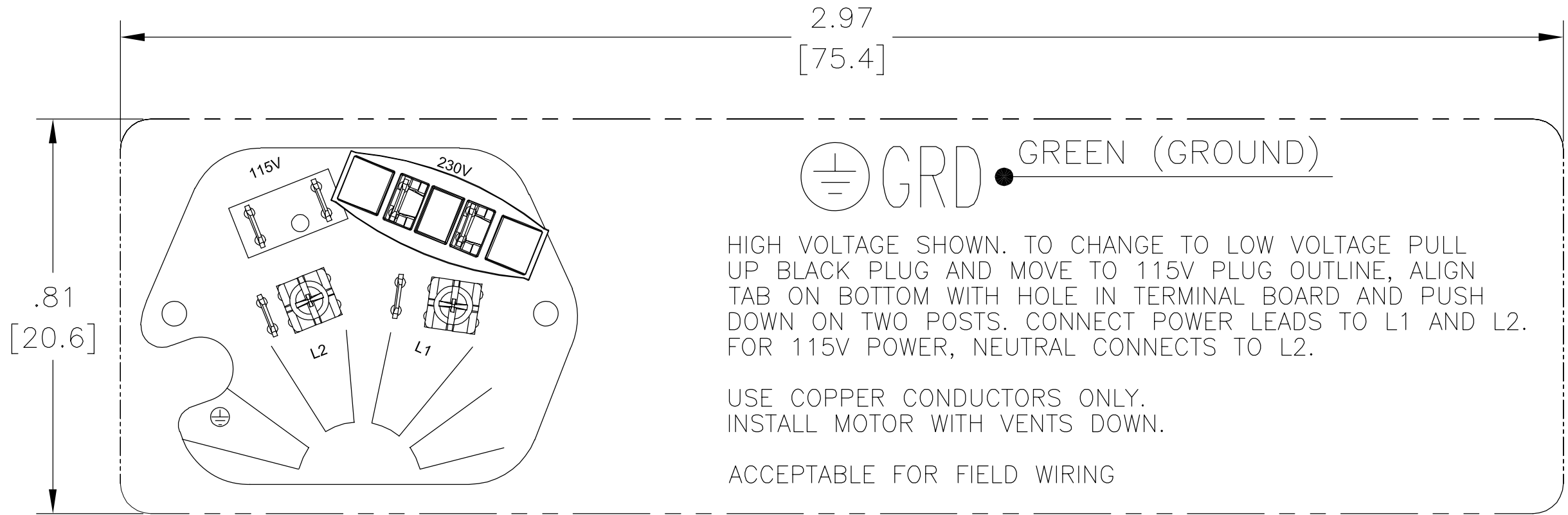


NAMEPLATE DATA		EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: C48AB47A01 CUST PN: HST110 HP: 1.10 SF: 1.00 ROT: CCWPE RPM: 3450 TYPE: C FORM: CODE: J FRAME: 56J VOLTS: 230/115 AMPS: 6.8/13.6 MAX AMPS: - SF AMPS: - PH: 1 HZ: 60 INS: F AMB: 50 DUTY: CONT ENCLOSURE: ODP THERM. PROT. CET51ABM		115V/230V L3 L2 L1 GROUND (GROUND) HIGH VOLTAGE SHOWN. TO CHANGE TO LOW VOLTAGE PULL UP BLACK PLUG AND MOVE TO 115V POSITION. BLACK ARROW ON PLUG TO ARROW ON TERMINAL BOARD, AND PUSH DOWN ON TWO POSIS. CONNECT POWER LEADS TO L1 AND L2. FOR 115V POWER, NEUTRAL CONNECTS TO L2. USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING D0000312-007	1. FINISH PAINT TO BE SATIN BLACK. 2. .437[11.11] 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	
C48K2W39		OER-0004106	
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E25022	XEWR2	LR43341	4211-01
CUSTOMER		DISTRIBUTION SERVICES	

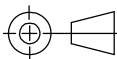
CRITICAL TO QUALITY CHARACTERISTICS(CTQs)		DRAWING REVISION		REVISION BY	DATE	TOLERANCES UNLESS OTHERWISE SPECIFIED		DRAWN BY: J. JOHNS		Regal Rexnord		Regal Beloit America, Inc.		
P	PROCESS	ECO		U	12-11-2025	DEC.	INCH	mm	DATE: 12-14-2011	ANGLE ±0.5°	DESCRIPTION	MODEL-PFHP-48FR	SHEET 1	
		ECR-0247757		TRISTIAZHAO	12-11-2025	X	±0.1	(±.3)	APPROVED BY: FS3					OUTLINE
		ECO DESCRIPTION		MOVE THE FRENCH LABEL TO THE BACK				DATE: 12-14-2011	REFERENCE					
E	ENGINEERING	COPYRIGHT REGAL BELOIT AMERICA, INC. ALL RIGHTS RESERVED. PROPRIETARY AND CONFIDENTIAL INFORMATION - THIS DOCUMENT IS THE PROPERTY OF REGAL BELOIT AMERICA, INC. (OWNER) AND CONTAINS OWNER'S PROPRIETARY INFORMATION. ANY PERSON, CORPORATION OR OTHER ENTITY, DUPLICATED, AND/OR USED, EXCEPT AS EXPRESSLY APPROVED IN WRITING IN ADVANCE BY OWNER, THIS DOCUMENT SHALL BE RETURNED TO OWNER UPON REQUEST. IT MAY BE SUBJECT TO CERTAIN RESTRICTIONS UNDER APPLICABLE EXPORT CONTROL LAWS AND REGULATIONS.				SHARP		THIRD ANGLE PROJECTION		SIZE	DWG NO			
A	APPLICATION					EDGES .003/.015 (.08/.38)				HST110				
R	REGULATORY					CORNER FILLETS .02 (.5)								
L	LIFE					MACHINED SURFACES .125/ mm 3/32								
						mm SHOWN IN [BRACKETS]								

REV	ECO	REV BY	DATE	APPD	DATE
B	ECO-0026812	J. JOHNS	06/11/2012	M. OVERHOLSER	06/11/2012

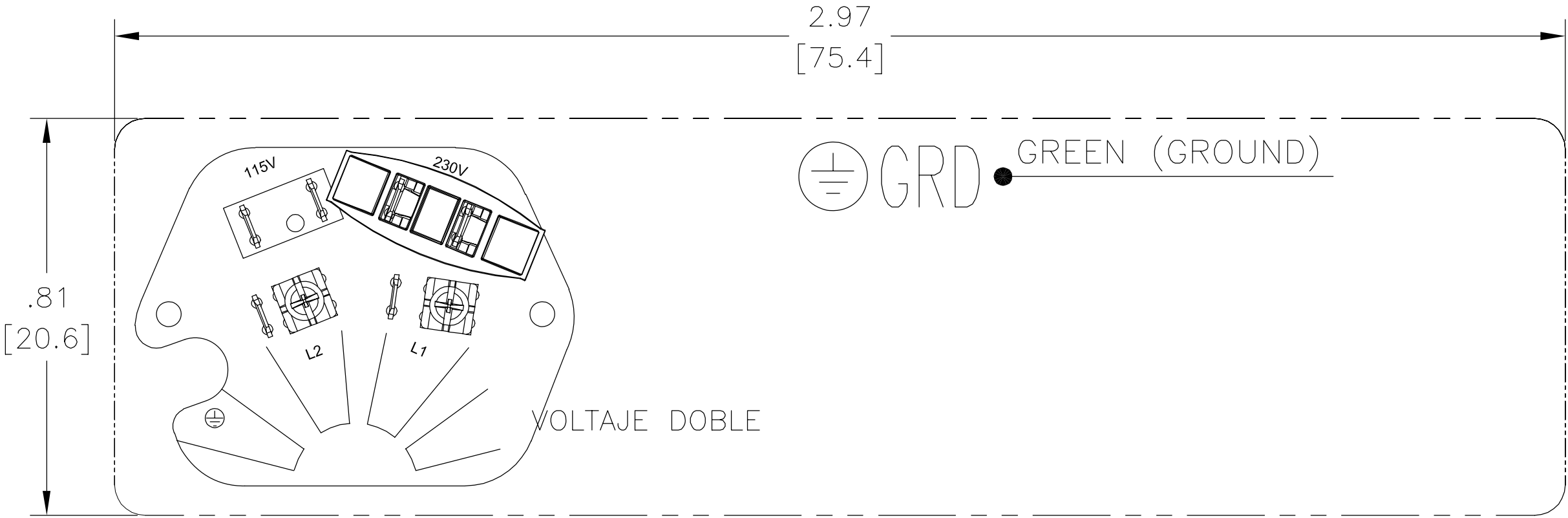


USED FOR DUAL VOLTAGE — 230 VOLTS

- 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	SIZE A		
		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.		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



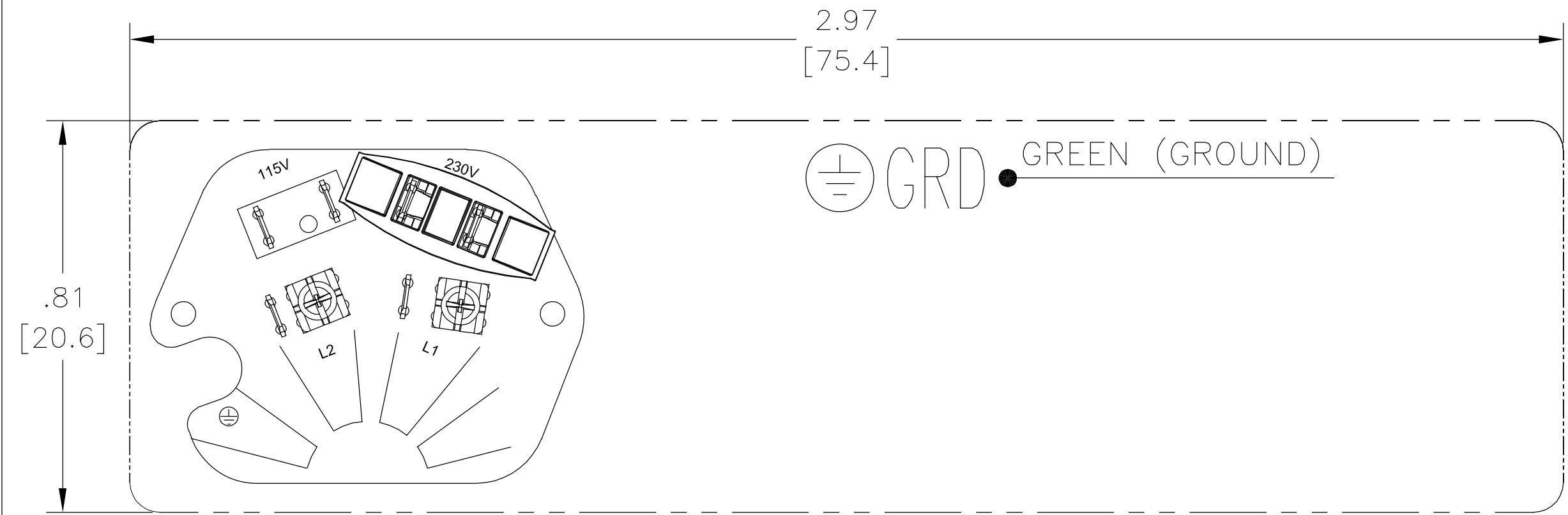
- NOTAS:
1. PARA USARSE CON LA PLACA DE DATOS EN BLANCO 616231.
 2. INDICA LIMITES DIMENSIONALES.
 3. EL DADO DEBE PRODUCIR UNA IMPRESION LEGIBLE.

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 ◎ CONCENRICIDAD ≡ 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	TAMAÑO: A	NUMERO DE DIBUJO: D0000312-001
		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.			ESCALA:NONE HOJA: 1

ASME Y14.5M 1994

DIMS METRICAS MOSTRADAS [PARENTESIS]

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
--

ASME Y14.5M 1994