

PRODUCT INFORMATION PACKET



Model No: UST1072

Catalog No: UST1072

Pool Pump Motor, 3/4 HP, 1 Ph, 60 Hz, 230/115 V, 3600 RPM, 56J Frame, ODP



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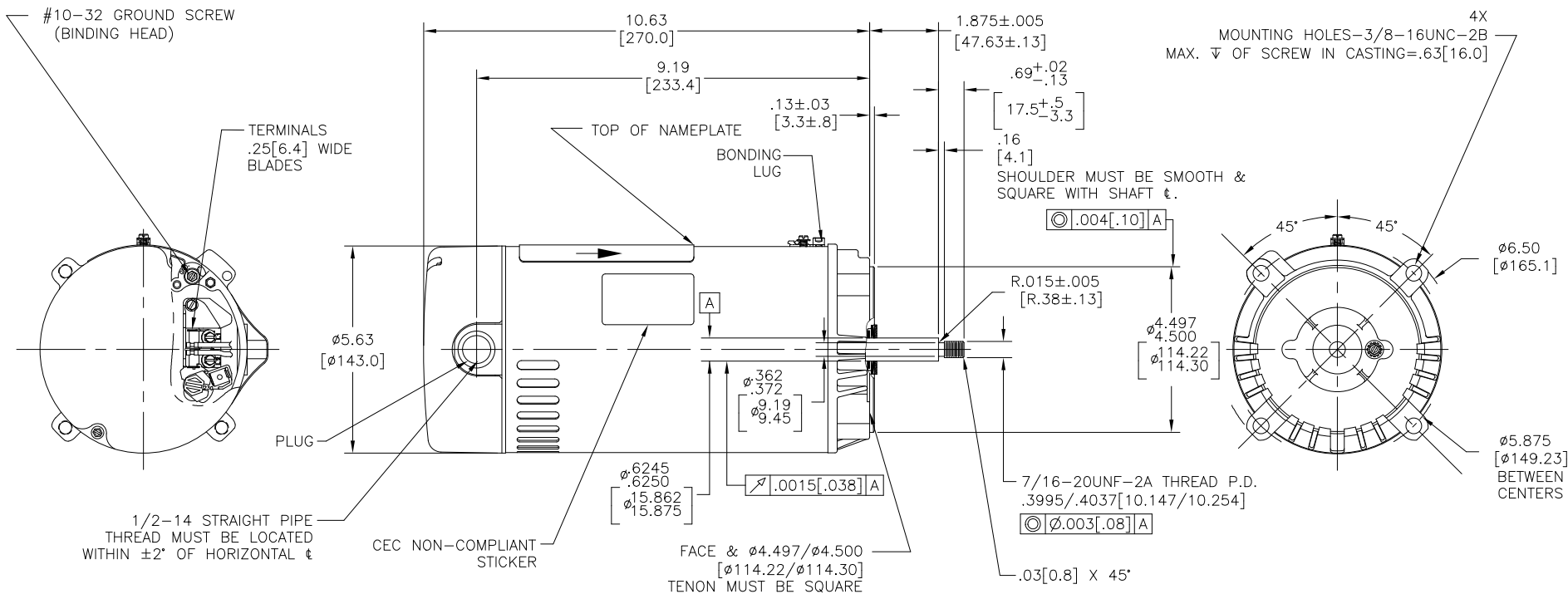
Nameplate Specifications

Phase	1	Output HP	3/4 Hp
Output KW	0.56 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	5.5/11.0 A
Duty	Continuous	Insulation Class	B
UL	Recognized	CSA	Y
Number of Speeds	1		

Technical Specifications

Electrical Type	Cap Start Motor	Starting Method	Across The Line
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 Thread
Overall Length	13.20 in	Frame Length	7.38 in
Shaft Diameter	0.625 in	Shaft Extension	2.56 in
Connection Drawing	627103-006	Outline Drawing	UST1072-S01

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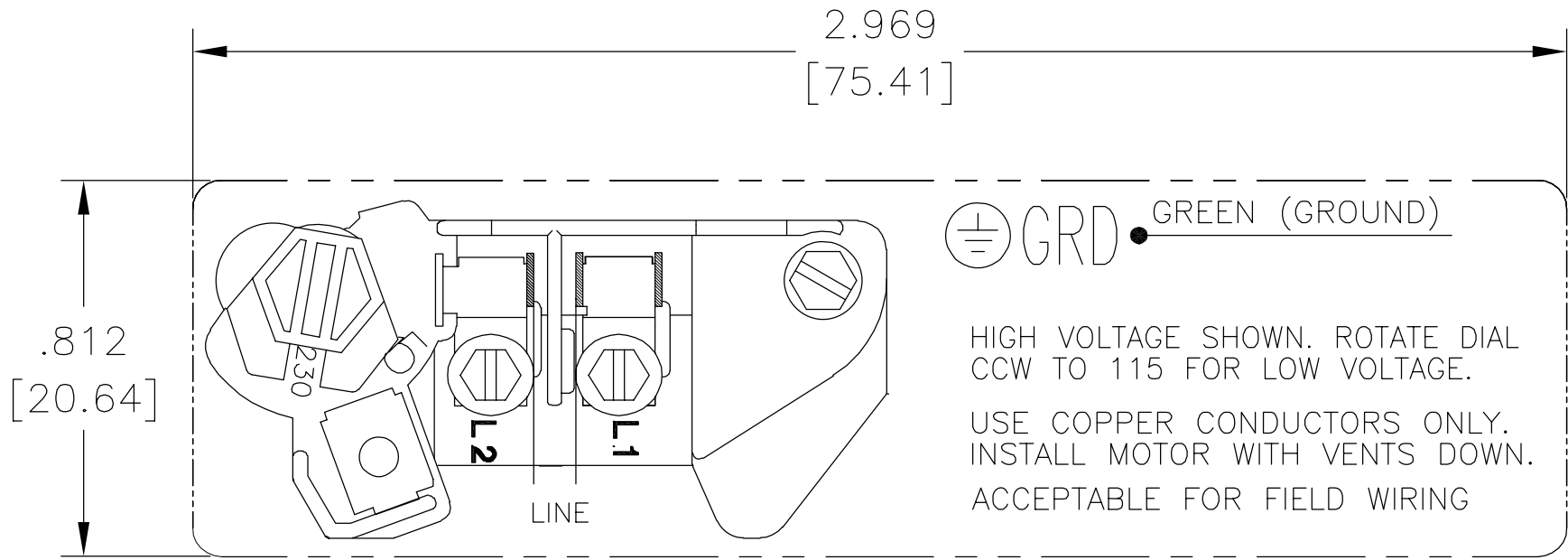


NAMEPLATE DATA	EXTERNAL CONNECTION DIAGRAM	NOTES
MODEL: C48J2N131C1C CUST PN: UST1072 HP: 3/4 SF: 1.0 ROT: CCWPE RPM: 3450 TYPE: UAC FORM: VOLTS: 230/115 AMPS: MAX AMPS: 5.3/10.6 SF AMPS: - PH: 1 HZ: 60 INS: B AMB: 50 DUTY: CONT ENCLOSURE: ODP THERM. PROT.	GROUND (GROUND) HIGH VOLT CONNECTION AS SHOWN. TO CHANGE TO LOW VOLT, MOVE THE BLACK PLUG TO ALIGN THE ARROWS AT THE 115V LOCATION. USE COPPER CONDUCTORS ONLY. INSTALL MOTOR WITH VENTS DOWN. ACCEPTABLE FOR FIELD WIRING	1. .44[11.1] WRENCH FLATS ON SHAFT-FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER. 2. STAINLESS STEEL SHAFT EXT. 3. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001[.03]. 4. DUAL VOLTAGE MOTORS ARE TO BE CONNECTED FOR HIGHER VOLTAGE. QUICK VOLTAGE CHANGE PLUG INCLUDED ON THE TERMINAL BOARD. 5. CTQ REQUIREMENT SEE EP000105-008. 6. RoHS & REACH REQUIREMENT SEE EP000014.

PERFORMANCE CURVE		APPROVED SAMPLE	
C48J2W34			
UL COMPONENT		CSA	
FILE#	CCN#	FILE#	GUIDE#
E25022	XEWR2	LR43341	4211-01
CUSTOMER	DISTRIBUTION SERVICES		

CRITICAL TO QUALITY CHARACTERISTICS(CTQs)	DRAWING REVISION M	REVISION BY SRIKANTH	DATE 11/3/2022	TOLERANCES UNLESS OTHERWISE SPECIFIED DEC. INCH X ±0.1 (±.3) .XX ±0.02 (±0.5) .XXX ±0.005 (±0.13) XXXX ±0.0005 (±0.013) REMOVE BURRS & BREAK SHARP EDGES .003/.015 (.08/.38) CORNER FILLETS .02 (.5) MACHINED SURFACES .125/ mm 3/2 mm SHOWN IN [BRACKETS]	DRAWN BY: Richard Pan DATE: APPROVED BY: DATE: REFERENCE THIRD ANGLE PROJECTION	 Regal Beloit America, Inc.
(P) PROCESS	ECR-0221079 SEE ECR	APPROVED BY PVR	DATE 11/3/2022	ANGLE ±0.5°		MODEL-PFHP-48FR
(E) ENGINEERING						OUTLINE
(A) APPLICATION						
(R) REGULATORY						MATERIAL - PROCESS/FINISH -
(L) LIFE						SIZE DWG NO UST1072
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REV	ECO	REV BY	DATE	APPD	DATE
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



NOTE:

1. FOR USE WITH 616231 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

UNLESS OTHERWISE SPECIFIED
DIM. TOLERANCES ARE AS FOLLOWS:
INCH X XX XXX XXXX
mm ±.1 ±.02 ±.005 ±.0005
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]

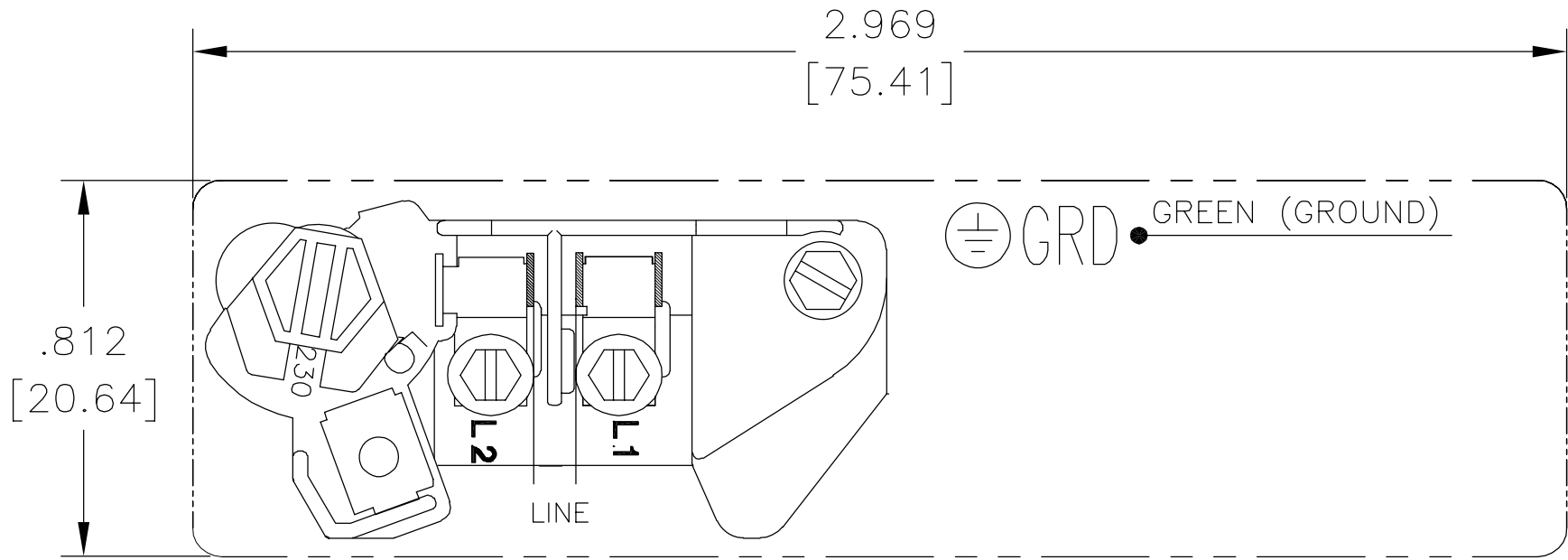
DR BY:	Daniel Muñoz	04-13-2009
APPD:		
THIRD ANGLE PROJECTION	⊕	EDS DATE 02-22-2009 FORMAT REV F
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**ELECTRICAL PRODUCTS
COMPANY**
A DIVISION OF A. O. SMITH CORPORATION

DESCRIPTION		
CONNECTION DIAGRAM EXTERNAL		
SIZE	A	DWG NO 627103-006
SCALE	NONE	SHEET 1

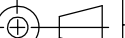
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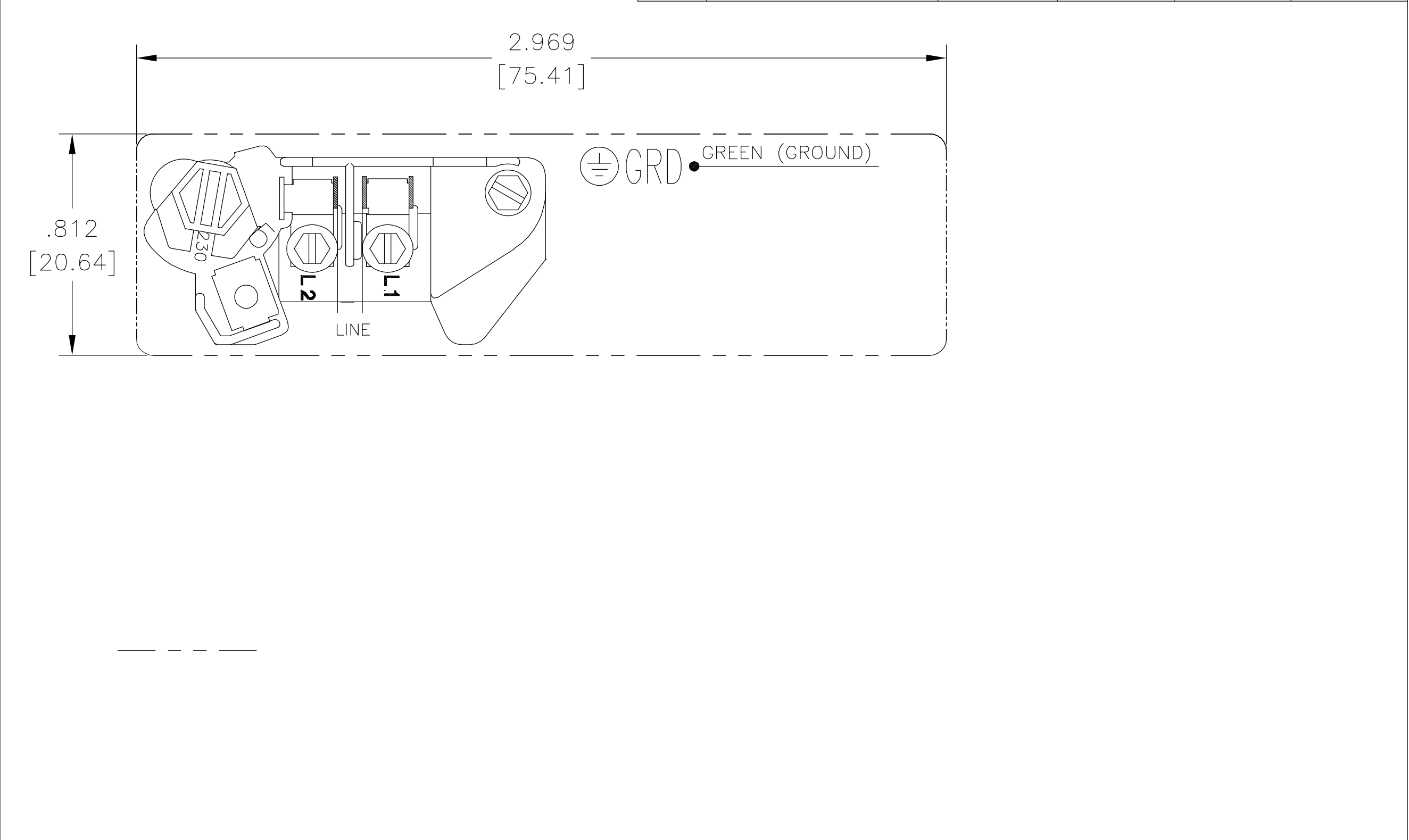
VOLTAJE DOBLE

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 DIMS METRICAS MOSTRADAS [PARENTESIS]	DIBUJADO POR: Daniel Muñoz		04-13-2009		 ELECTRICAL PRODUCTS COMPANY Innovation has a name. A DIVISION OF A. O. SMITH CORPORATION			
		APROBADO POR:				DESCRIPCION: CONNECTION DIAGRAM EXTERNAL			
		TERCER ANGULO DE PROYECCION				FECHA EDS: 02-22-2009 REV. FORMATO: F		TAMAÑO: A	NUMERO DE DIBUJO: 627103-006
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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	除另有注明 尺寸公差如下:	绘图:	Daniel Muñoz	04-13-2009	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION			
	英寸 X XX XXX XXXX ±.1 ±.02 ±.005 ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 度 清理毛刺和尖棱 英寸 .003-.015 毫米 0.1-0.4 内圆角 英寸 .020 毫米 0.5 表面粗糙度 英制 125 米制 3.2 米制尺寸显示在[]	批准:				名称		
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			图纸格式版本 F					
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