

PRODUCT INFORMATION PACKET



Model No: T1072
Catalog No: T1072
3/4 HP Jet Pump Motor, 1 phase, 3600 RPM, 230/115 V, 56J Frame, ODP
Jet Pump Motors



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Nameplate Specifications

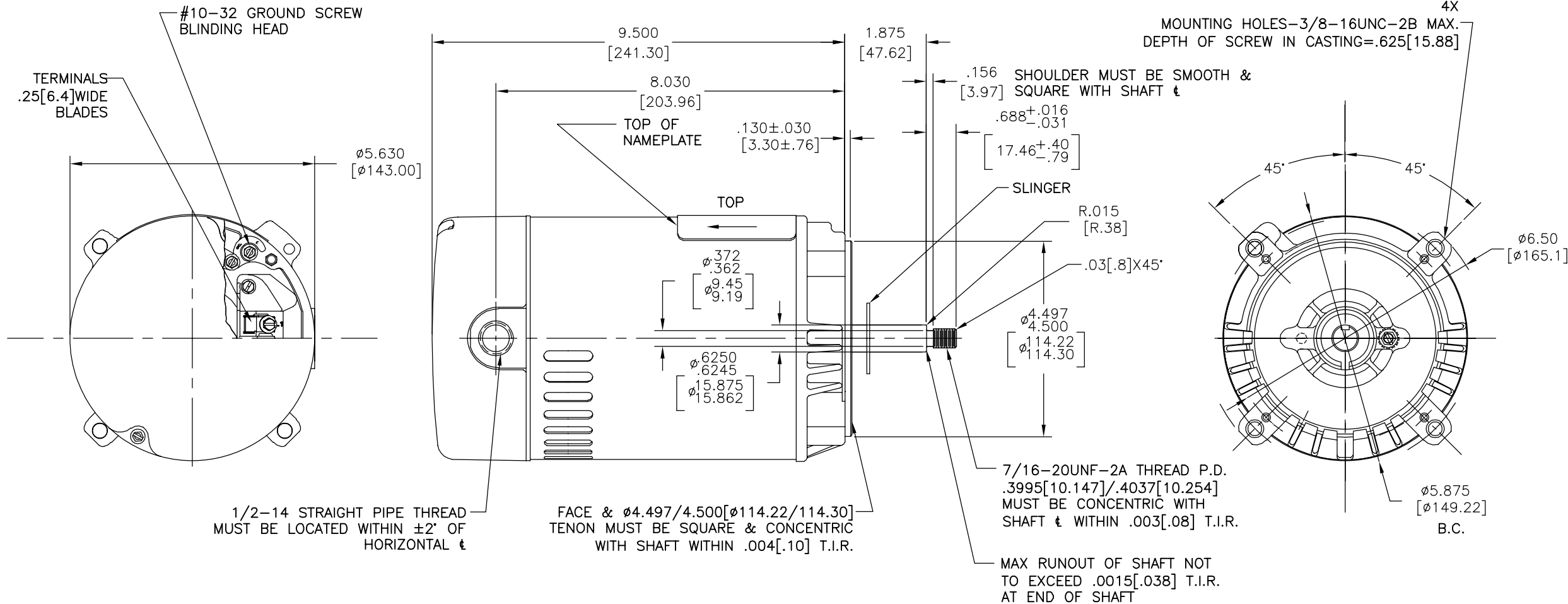
Output HP	3/4 Hp	Output KW	0.56 kW
Frequency	60 Hz	Voltage	230/115 V
Current	5.7/11.4 A	Speed	3450 rpm
Service Factor	1.5	Phase	1
Duty	Continuous	Insulation Class	B
Frame	56J	Enclosure	Open Drip Proof
Thermal Protection	Automatic	Ambient Temperature	40 °C
UL	No	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Capacitor Start Induction Run	Starting Method	Across The Line
Poles	2	Rotation	Counterclockwise Pump End
Mounting	Round	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Threaded	Overall Length	12.06 in
Frame Length	6.25 in	Shaft Diameter	0.625 in
Shaft Extension	2.433 in		
Connection Drawing	627103-006	Outline Drawing	12440-002

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REV	ECO	REV BY	DATE	APPD	DATE
C	0025582	I. ORTIZ	05-01-2012	D. BALDERRAMA	05-01-2012



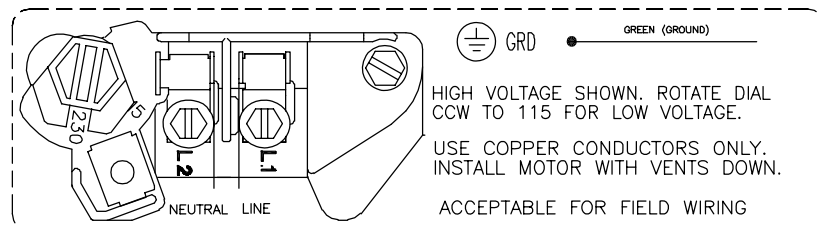
MOTOR ASSEMBLY (REF.) : 627260-002

NAMEPLATE DATA

EXTERNAL CONNECTION DIAGRAM

NOTES

MODEL: C48K2DB11
CUST PN: T1072
HP: 3/4 SF: 1.5
ROT: CCWPE
RPM: 3450
TYPE: C CODE: L
FORM: FRAME: 56J
VOLTS: 115/230
AMPS: 11.4/5.7
MAX AMPS: 14.8/7.4
SF AMPS:
PH: 1 HZ: 60
INS: B AMB: 40°C
DUTY: CONT
ENCLOSURE: ODP
THERMALLY PROTECTED



1. FINISH PAINT TO BE SATIN BLACK.
2. .44[11.2] WRENCH FLATS ON SHAFT FOR ACCESS TO THIS WRENCH FLAT REMOVE END COVER.
3. CARBON STEEL SHAFT EXT.
4. LIMITS ON AMPLITUDE OF VIBRATION MEASURED AT BEARING HOUSING = .001[.03].
5. CONNECT MOTOR FOR 230 VOLTS QUICK VOLTAGE CHANGE PLUG INCLUDED ON TERMINAL BOARD. VOLT STICKER TO READ THAT CONNECTED VOLTAJE.
6. MAX END PLAY LESS THAN .005[.13]

PERFORMANCE
CURVEAPPROVED
SAMPLE

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:

T D T

04-11-2003

APPD:

W B

05-29-2003

THIRD ANGLE PROJECTION

EDS DATE 11-11-2011
FORMAT REV G

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REGAL-BELOIT CORPORATION

DESCRIPTION

MODEL-PFHP-48FR
OUTLINE

SIZE

C

DWG NO

12440-002

SCALE NONE

SHEET 1

4

3

2

1

REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
C	0025582	I. ORTIZ	05-01-2012	D. BALDERRAMA	05-01-2012

D

C

B

A

D

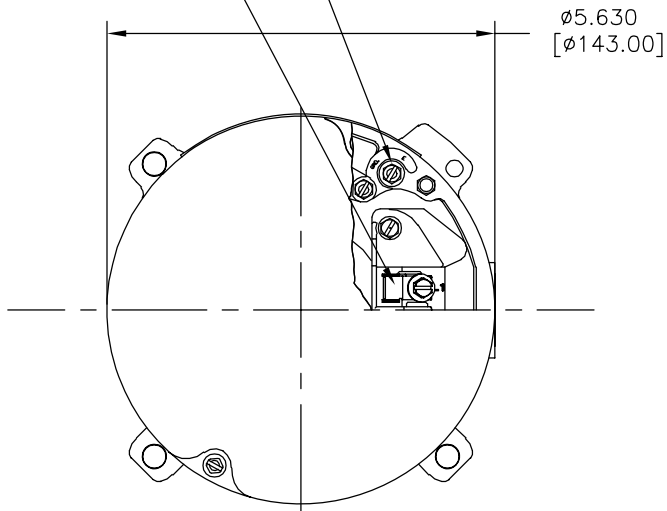
C

B

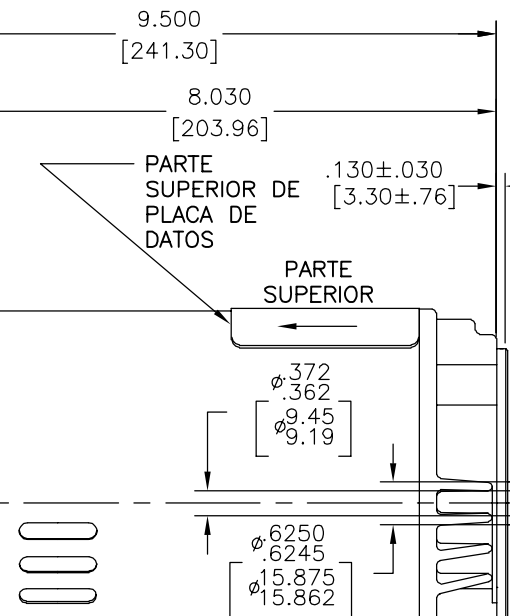
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TERMINALES
.25[6.4]TIPO
ESPADA

TORNILLO DE TIERRA #10-32
CABEZA CON CEJAS



ROSCA 1/2-14 DE TUBERIA RECTA
DEBEREA SER UBICADA DENTRO DE ±2'
DE LA ¢ HORIZONTAL



CARA Y ¢4.497/4.500[¢114.22/114.30]
MAQUINADO SERA PERPENDICULAR Y
CONCENTRICO CON LA FLECHA DENTRO DE
.004[.10] L.T.I.

ORIFICIOS DE MONTAJE-3/8-16UNC-2B MAXIMO.
PROFUNDIDAD DEL TORNILLO EN EL MOLDE=.625[15.88]

EL HOMBRO DEBE DE ESTAR SUAVE Y
CUADRADO CON LA ¢ DE LA FLECHA

.156 [3.97]
.688^{±.016}_{-.031}
[17.46^{±.40}_{-.79}]

ARANDELA

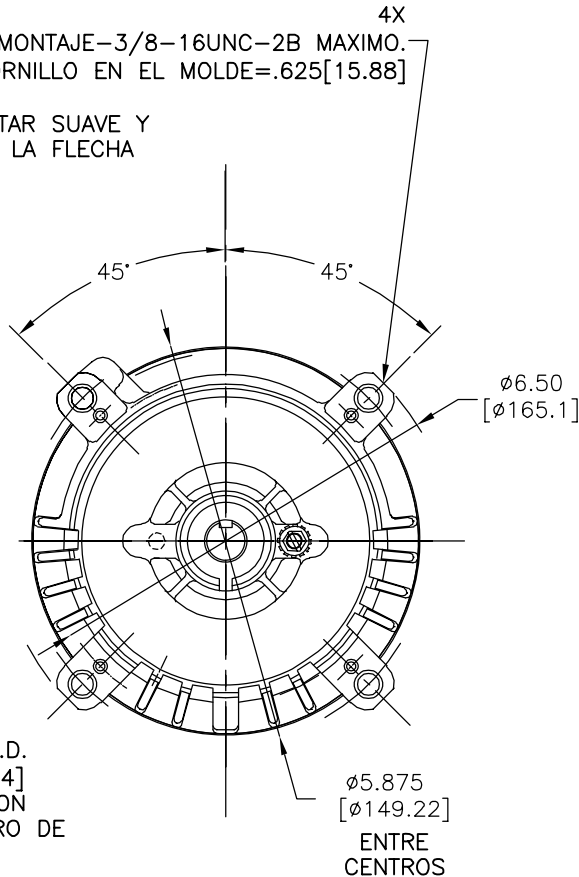
R.015 [R.38]

.03[.8]X45°

4.497
4.500
[114.22
114.30]

7/16-20UNF-2A ROSCA P.D.
.3995[10.147]/.4037[10.254]
DEBE SER CONCENTRICA CON
LA ¢ DE LA FLECHA DENTRO DE
.003[.08] T.I.R.

OSILACION MAXIMA DE LA
FLECHA NO DEBE EXCEDER DE
.0015[.038] L.T.I. EN EL EXTREMO
DE LA FLECHA



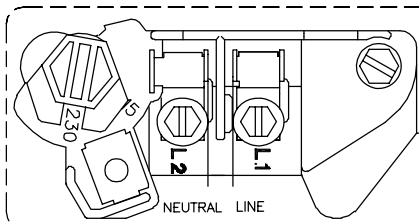
ENSAMBLE DE MOTOR (REF.) : 627260-002

NAMEPLATE DATA

EXTERNAL CONNECTION DIAGRAM

NOTES

MODEL: C48K2DB11
CUST PN: T1072
HP: 3/4 SF: 1.5
ROT: CCWPE
RPM: 3450
TYPE: C CODE: L
FORM: FRAME: 56J
VOLTS: 115/230
AMPS: 11.4/5.7
MAX AMPS: 14.8/7.4
SF AMPS:
PH: 1 HZ: 60
INS: B AMB: 40°C
DUTY: CONT
ENCLOSURE: ODP
THERMALLY PROTECTED



GRD GREEN (GROUND)
HIGH VOLTAGE SHOWN. ROTATE DIAL
CCW TO 115 FOR LOW VOLTAGE.
USE COPPER CONDUCTORS ONLY.
INSTALL MOTOR WITH VENTS DOWN.
ACCEPTABLE FOR FIELD WIRING

1. EL ACABADO DE PINTURA SERA NEGRO SATINADO.
2. .44[11.2] LLAVE PLANA EN LA FLECHA PARA EL ACCESO A ESTA LLAVE PLANA REMOVER LA TAPA.
3. EXTENSION DE FLECHA DE ACERO AL CARBON.
4. LOS LIMITES EN LA AMPLITUD DE LA VIBRACION MEDIDA EN LA CAJA DEL BALERO= .001[.03].
5. CONECTAR MOTOR PARA 230 VOLTIOS. CLAVIJA DE CAMBIO DE VOLTAJE RAPIDO INCLUIDA EN LA TABLILLA DE TERMINALES. LA ETIQUETA DE VOLTAJE SE DEBE LEER COMO SE CONECTA EL VOLTAJE.
6. JUEGO AXIAL MAXIMO MENOR A .005[.13]

PERFORMANCE
CURVE

APPROVED
SAMPLE

CARACTERISTICAS DE GEOMETRIA Y SIMBOLOS

A MENOS QUE SE ESPECIFIQUE DE
OTRA MANERA, LAS TOLERANCIAS DE
LAS DIMS: SON LAS SIGUIENTES:
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:

T D T

04-11-2003

APROBADO POR:

W B

05-29-2003

TERCER ANGULO
DE PROYECCION



FECHA EDS: 11-11-2011
REV. FORMATO: G

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CORPORATION. -TODOS LOS DERECHOS RESERVADOS.



REGAL-BELOIT CORPORATION

DESCRIPCION:

MODEL-PFHP-48FR
OUTLINE

TAMAÑO: C

NUMERO DE DIBUJO:
12440-002

ESCALA: NONE

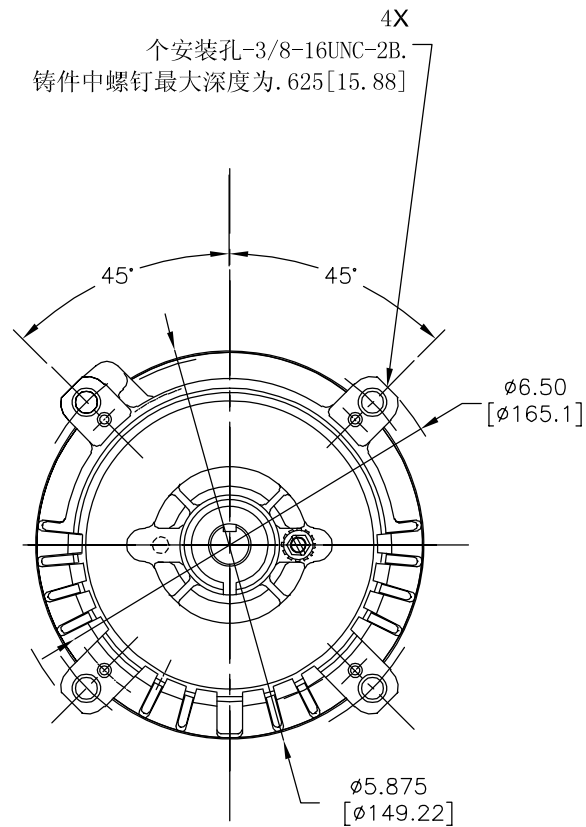
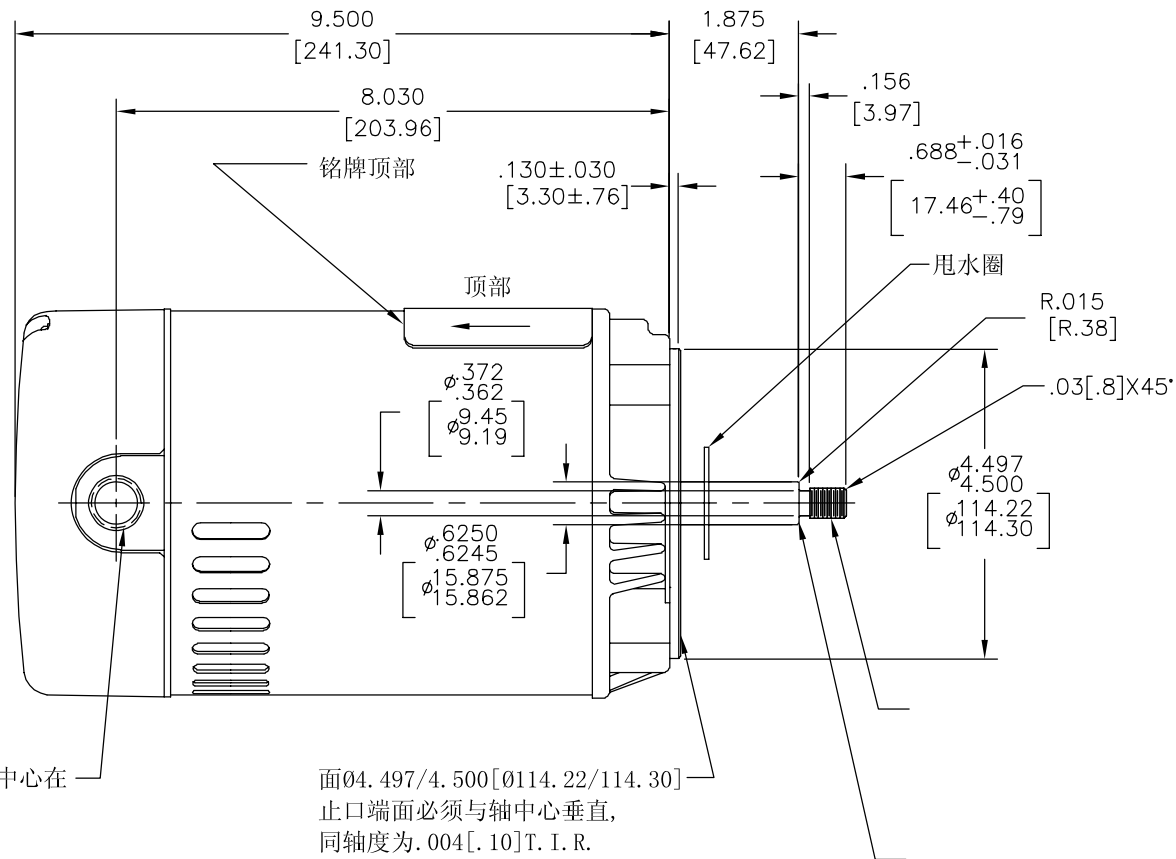
HOJA: 1

4

3

2

1

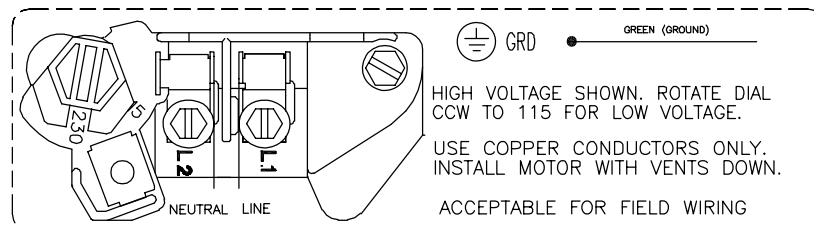


NAMEPLATE DATA

EXTERNAL CONNECTION DIAGRAM

NOTES

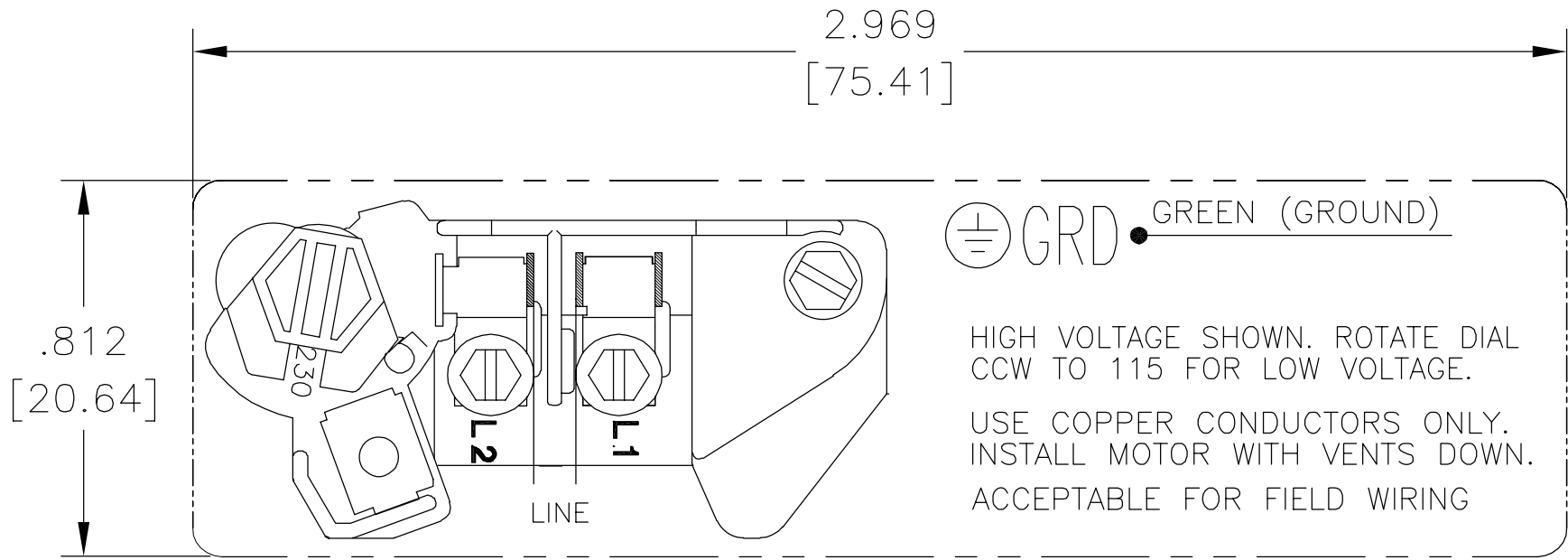
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CUST PN: T1072
HP: 3/4 SF: 1.5
ROT: CCWPE
RPM: 3450
TYPE: C CODE: L
FORM: FRAME: 56J
VOLTS: 115/230
AMPS: 11.4/5.7
MAX AMPS: 14.8/7.4
SF AMPS:
PH: 1 HZ: 60
INS: B AMB: 40°C
DUTY: CONT
ENCLOSURE: ODP
THERMALLY PROTECTED



- (1) 喷黑色漆
- (2) 移掉后盖后可见. 44[11. 2]的扁身.
- (3) 轴伸材料为碳钢
- (4) 轴承室测得最大振幅为. 001[. 03].

PERFORMANCE CURVE		APPROVED SAMPLE		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: 英寸 X ±.1 XX ±.02 XXX ±.005 XXXX ±.0005 毫米 ±0.5 ±0.13 ±0.013 角度 ±.50 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 ASME Y14.5M 1994 米制尺寸显示在 []	绘图: T D T 04-11-2003		 REGAL-BELOIT CORPORATION 名称 MODEL-PFHP-48FR OUTLINE 图幅 C 图号 12440-002 比例 NONE 页号 1
C48K2W27					批准: W B 05-29-2003		
UL COMPONENT		CSA			第三角投影  图纸格式发布日期 11-11-2011 图纸格式版本 G		
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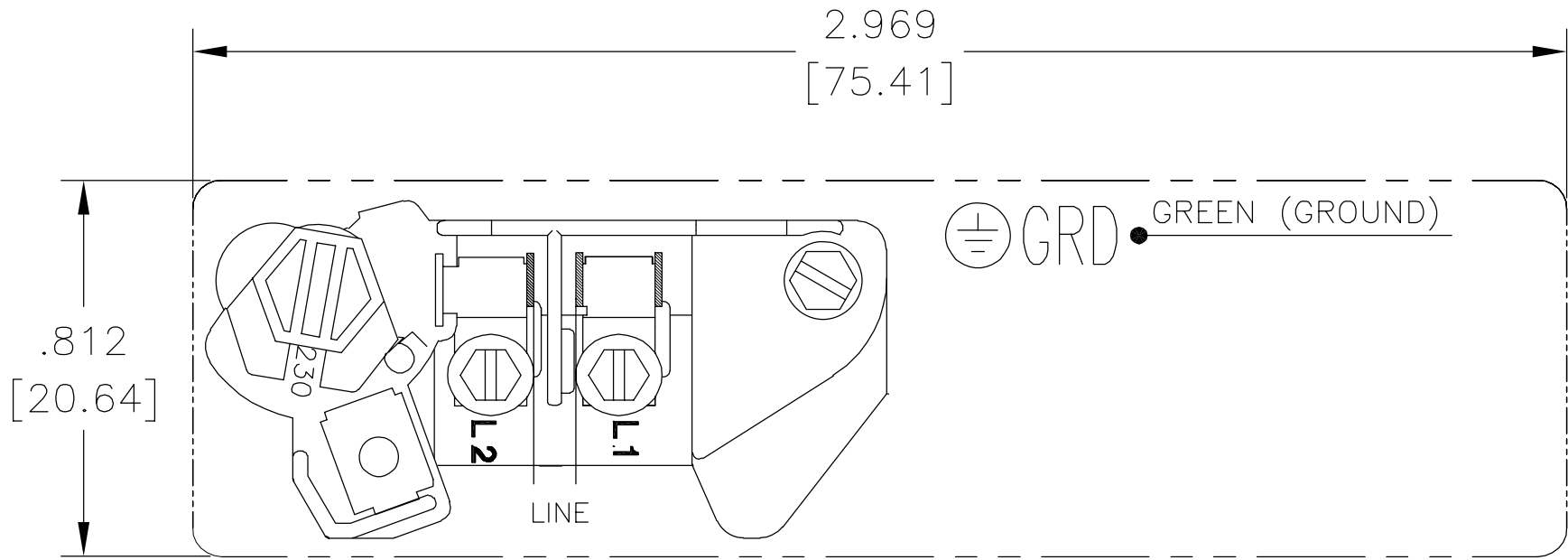
REV	ECO	REV BY	DATE	APPD	DATE
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



- 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	ACSmith innovation has a name. ELECTRICAL PRODUCTS COMPANY A DIVISION OF A. O. SMITH CORPORATION	
		APPD:		DESCRIPTION CONNECTION DIAGRAM EXTERNAL	
		THIRD ANGLE PROJECTION	EDS DATE 02-22-2009 FORMAT REV F	SIZE A	DWG NO 627103-006
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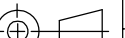
REVISION:	ECO	REVISADO POR:	FECHA:	APROBADO POR:	FECHA:
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



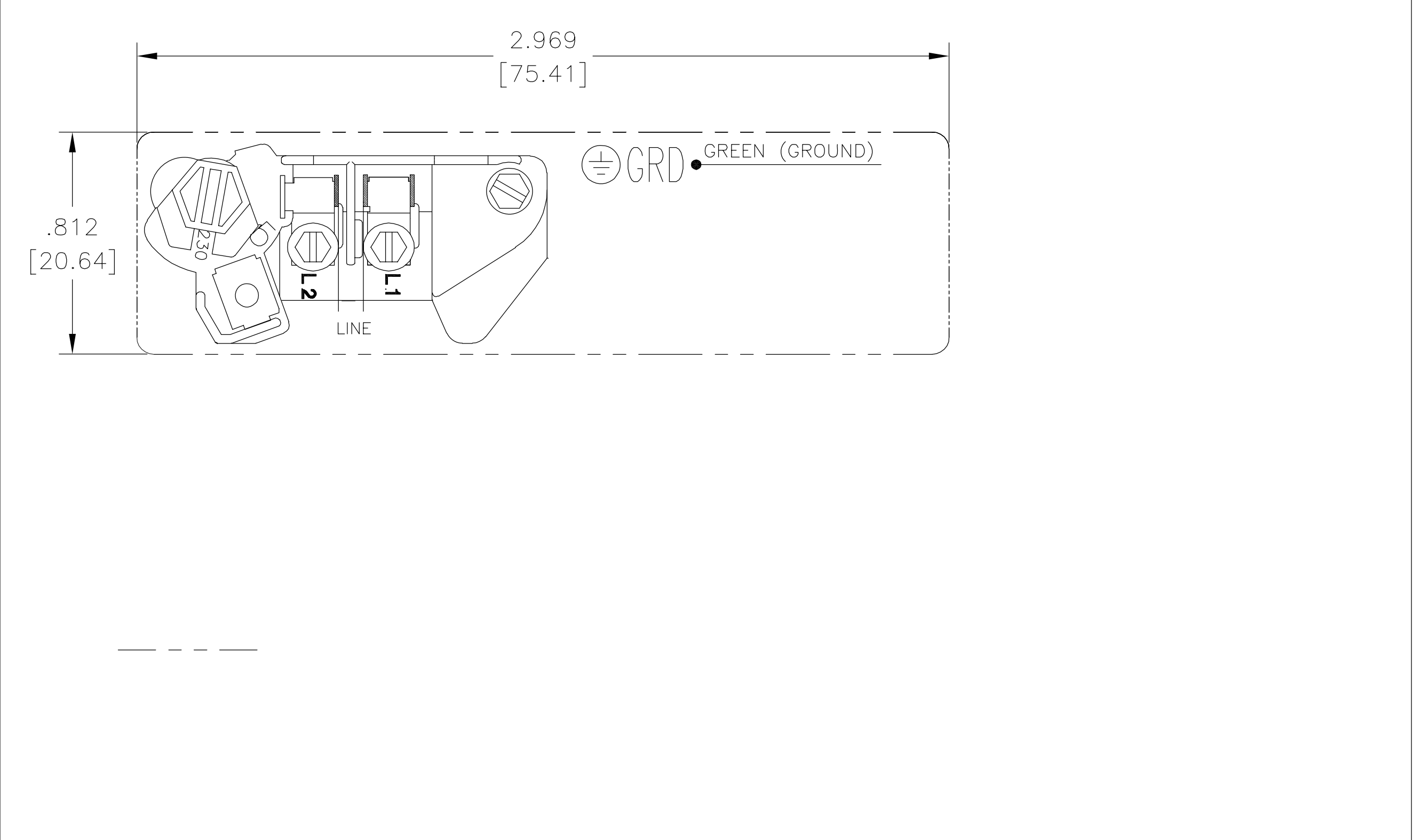
VOLTAJE DOBLE

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 ◎ 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 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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版本	ECO	编制	日期	批准	日期
B	0001487	D.MUÑOZ	04-13-2009	M.ARGUELLES	04-13-2009



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			
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		第三角投影		图纸格式发布日期 02-22-2009	CONNECTION DIAGRAM EXTERNAL			
			图纸格式版本 F					
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					比例	NONE	页号 1	
				ASME Y14.5M 1994				