

Notes:

- Use UL 1015 VW-1 600V MTW 75°C Solid or Stranded Copper Conductors.
- The starter is wired for 480VAC or 600VAC 3PH as default.
- To configure the starter for another operating voltage, the input to the control transformer must be changed.
- To change the input to the control transformer, move the wire installed in the "480" terminal to the desired terminal (See pg 2).
- Available operating voltages are: 120VAC & 240VAC single phase. 208VAC, 240VAC, 480VAC & 600VAC three phase.
- To wire a desired input for use as the "AUTO" input, use the terminal block labeled "AUTO" and "24VAC" or "24COM" OR "120VAC" or "120COM" located at the bottom of the panel.
- Up to 4 contactor AUX contacts can be added if needed [c3 Part # 300-SFA10 (for NO), c3 Part # 300-SFA01 (for NC)].

WARNING

- * Disconnect Power before proceeding with any work on this equipment.
- * Installation and maintenance by technical personnel only.
- * Installation of c3controls product must be in accordance with the NEC (U.S. National Electrical Code) regulations or local codes/standards per your application.
- * Any violation of these safety requirements could result in a personal injury and/or result in damage to the equipment.

AVERTISSEMENT:

- * Débranchez le pouvoir (la puissance) avant la suite de n'importe quel travail sur cet équipement.
- * Installation et maintien par personnel technique seulement.
- * Installez des produits conformément aux instructions d'opération et le NEC (le Code Électrique national américain) des règlements ou des codes applicables locaux et des normes.
- * Toute violation de ces exigences de sécurité pourrait entraîner des blessures corporelles et/ou endommager l'équipement.

COMPONENT INFO

TERMINAL / SCREW LOCATION	TORQUE (LBF-IN)	WIRE SIZE (AWG)	STRIP LENGTH (IN)
Contacteur Power Poles, 9-25A AC/DC	15	20-10	0.40
Contacteur Power Poles, 32-40A AC/DC	25	18-6	0.40
Motor Protective Circuit Breaker Power Poles	20	14-10	0.40
Terminal Block	7	22-10	0.40
Terminal Block - Grounding (6mm Wide)	7	22-12	0.40
Terminal Block - Grounding (10mm Wide)	14	16-8	0.47

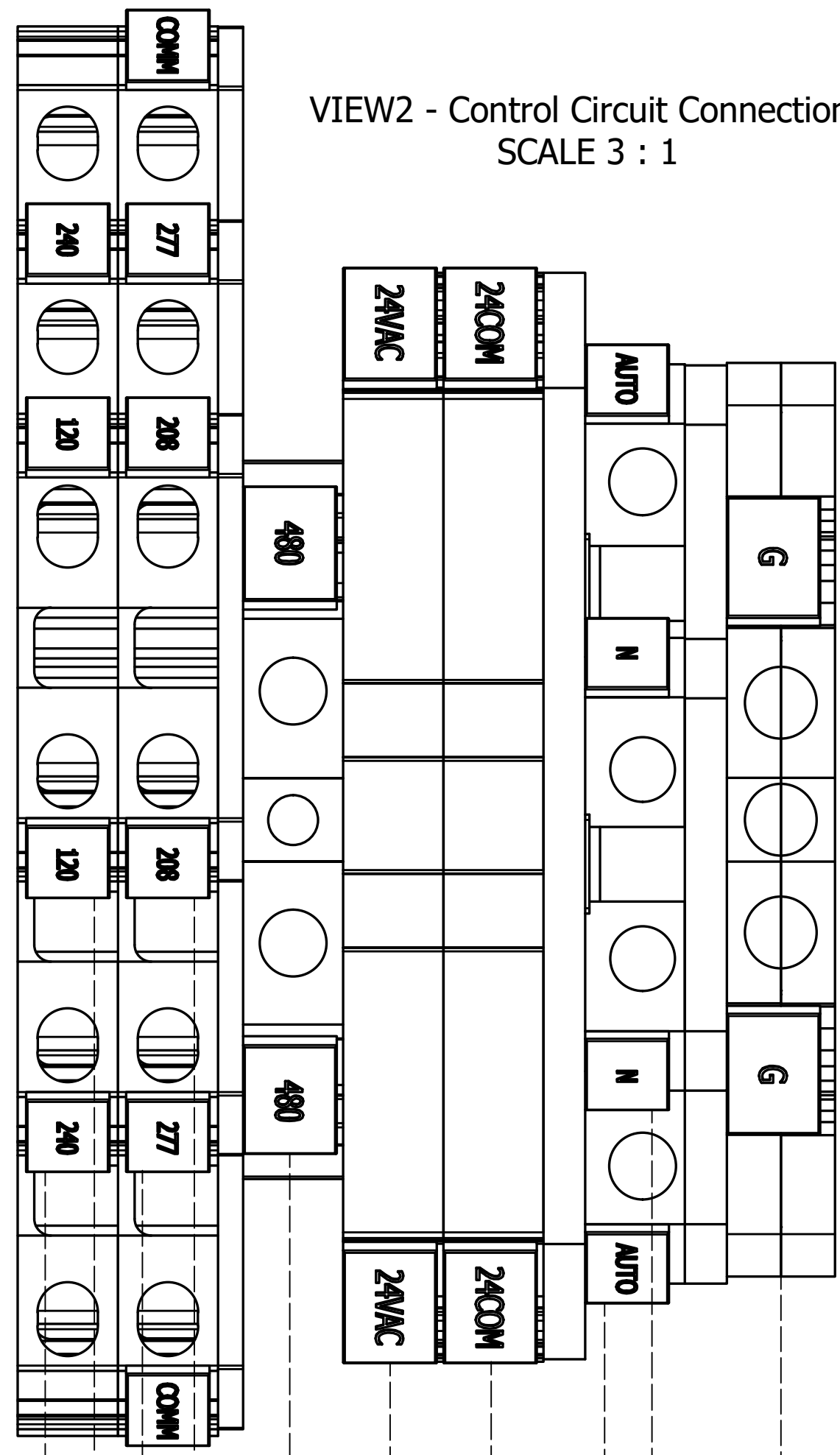
REV	DATE	DESCRIPTION	CHGD BY	APVD BY
3	4/13/26	Updated PH 1 Wire Route	CB	CB

REVISION HISTORY

TOLERANCE X.X +/- 0.040 [1.00] X.XX +/- 0.010 [0.25] X.XXX +/- 0.005 [0.13] X.XXXX +/- 0.001 [0.03] ANGLES +/- 0.5 DEG UNLESS OTHERWISE SPECIFIED	Units: in [mm] Drawn By: cbunnell Modeled By: cbunnell Approved By: cbunnell Created On: 7/14/2020	c3controls P.O. BOX 496 BEAVER, PA 15009 www.c3controls.com Description: ECP-300-2XXX Enclosure - Customer Install Instructions (pg 1)	Rev #: 3 Size: C Scale: n/a Part Number: 12E00120
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VIEW2 - Control Circuit Connections
SCALE 3 : 1



Notes:

- Terminal block marker "480" will be labeled "600" for the 600V transformer configuration.
- Terminal block marker "24VAC" will be labeled "120VAC" for the 120V output transformer configuration.
- Terminal block marker "24COM" will be labeled "120COM" for the 120V output transformer configuration.

Customer to make connections

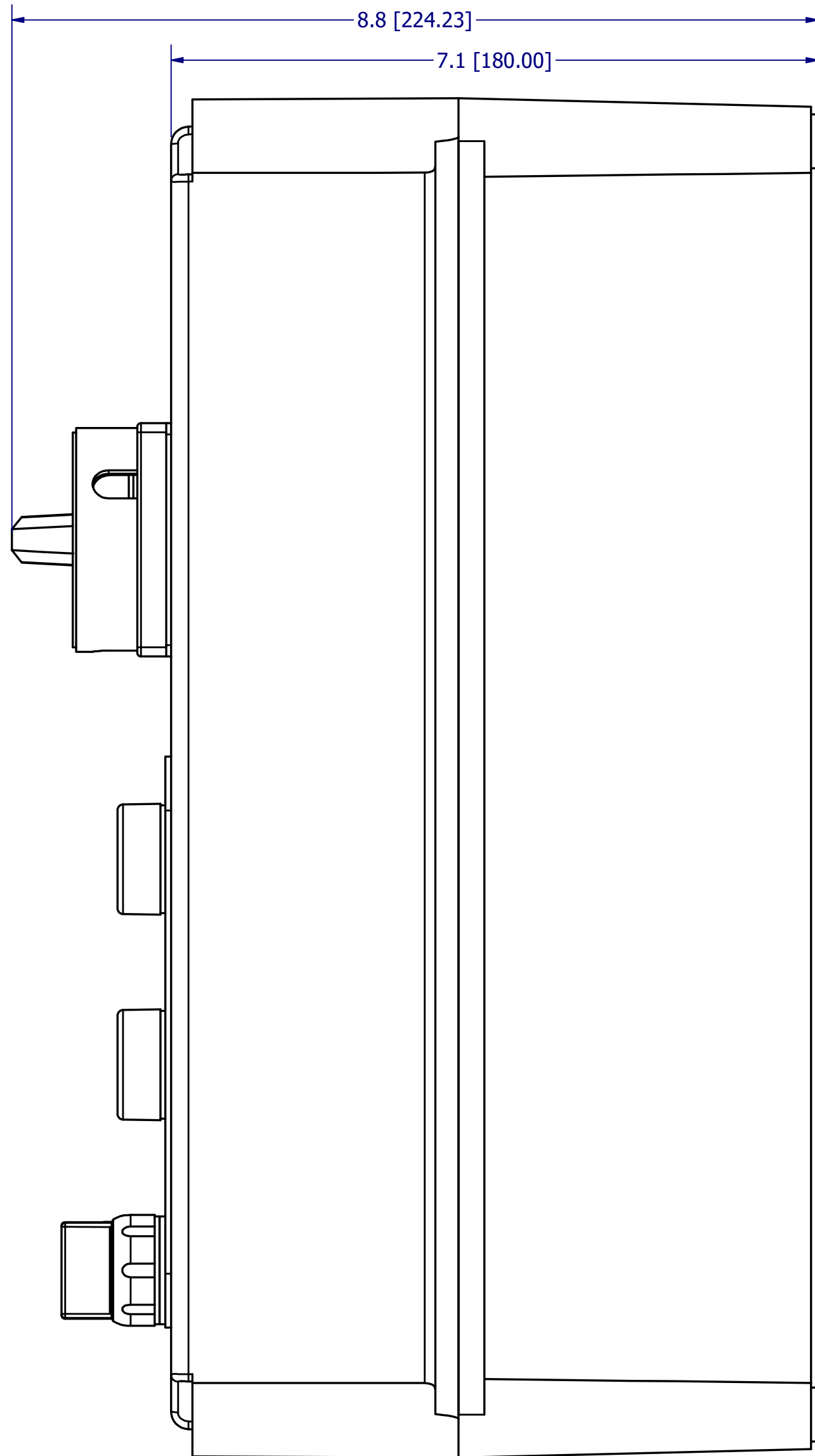
Customer to move the single wire to the desired voltage

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	Drawn By:	cbunnell			
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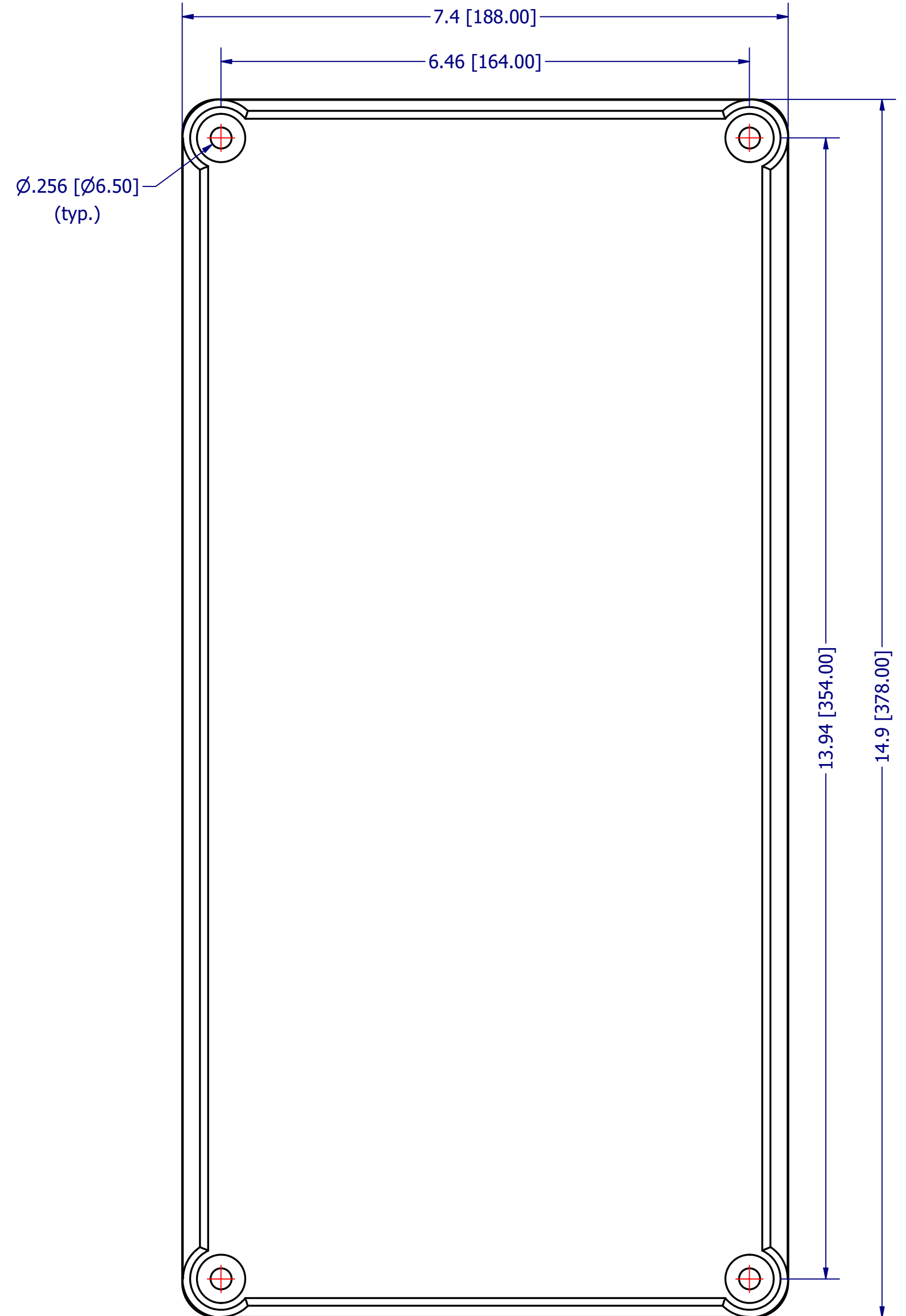
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Description:
 ECP-300-2XXX Enclosure - Customer Install Instructions (pg 2)

ENCLOSURE MOUNTING




VIEW4 - Enclosure Side View
SCALE 3/4



VIEW5 - Enclosure Mounting Hole Locations
SCALE 3/4

TOLERANCE X.X +/- 0.040 [1.00] X.XX +/- 0.010 [0.25] X.XXX +/- 0.005 [0.13] X.XXXX +/- 0.001 [0.03] ANGLES +/- 0.5 DEG UNLESS OTHERWISE SPECIFIED This drawing is the property of c3controls. This drawing may not be copied, used or disclosed, for any purpose except as authorized in writing by c3controls.	Units:	in [mm]			
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Description:

ECP-300-2XXX Enclosure - Customer Install
Instructions (pg 3)