

- 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:

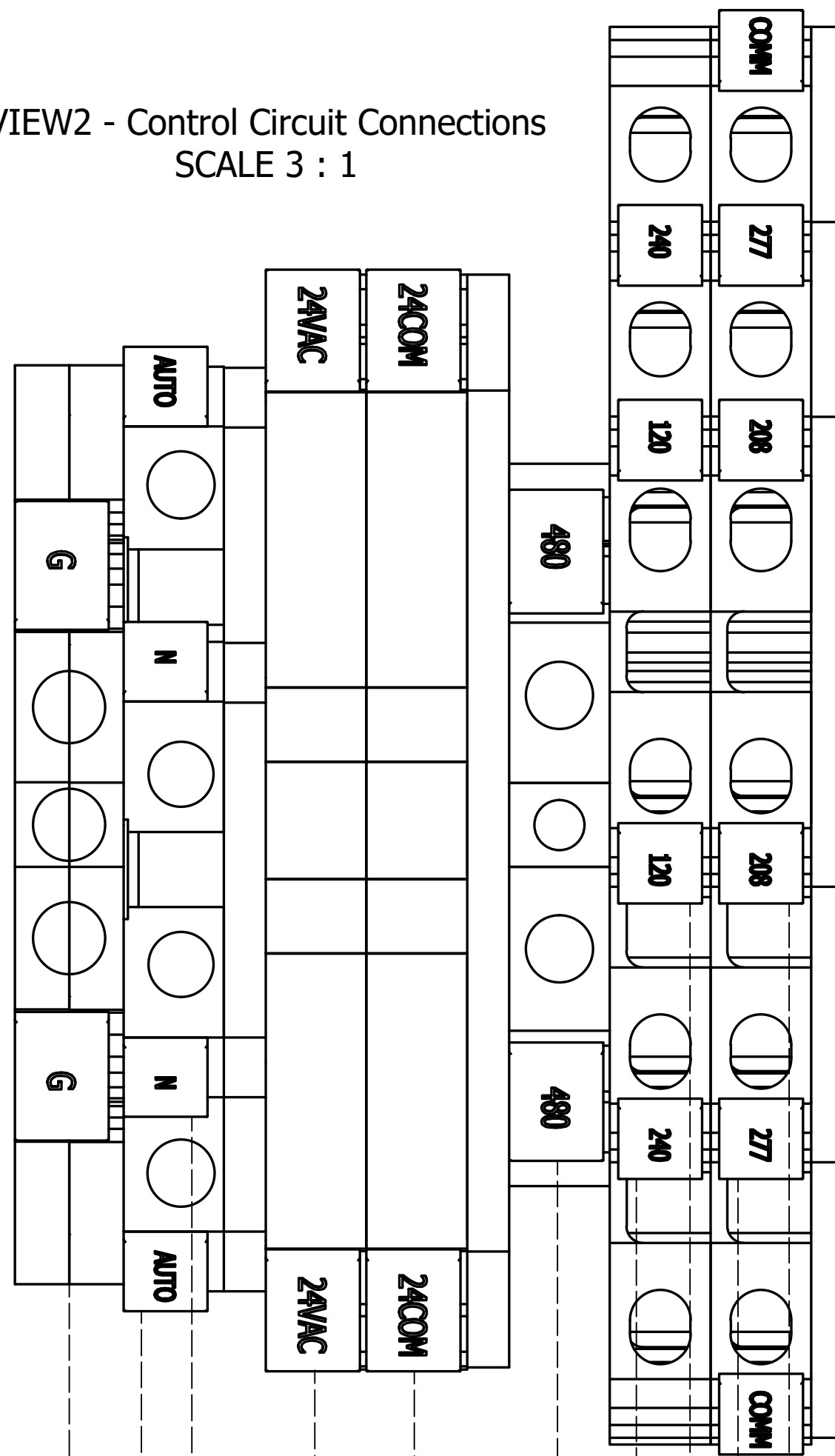
- * Débranchez le pouvoir (la puissance) avant la suite de n'importe quel travail sur cet équipement.
- * Installation et maintien par personnel technique seulement.
- * Installez des produits conformément aux instructions d'opération et le NEC (le Code Électrique national américain) des règlements ou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

VIEW1 - Back Plate Assembly
SCALE 15/16

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: 11/15/2021	 P.O. BOX 496 BEAVER, PA 15009 www.c3controls.com Description: ECP-300-2XXX-M4 Enclosure - Customer Install Instructions (pg 1)	
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VIEW2 - Control Circuit Connections
SCALE 3 : 1



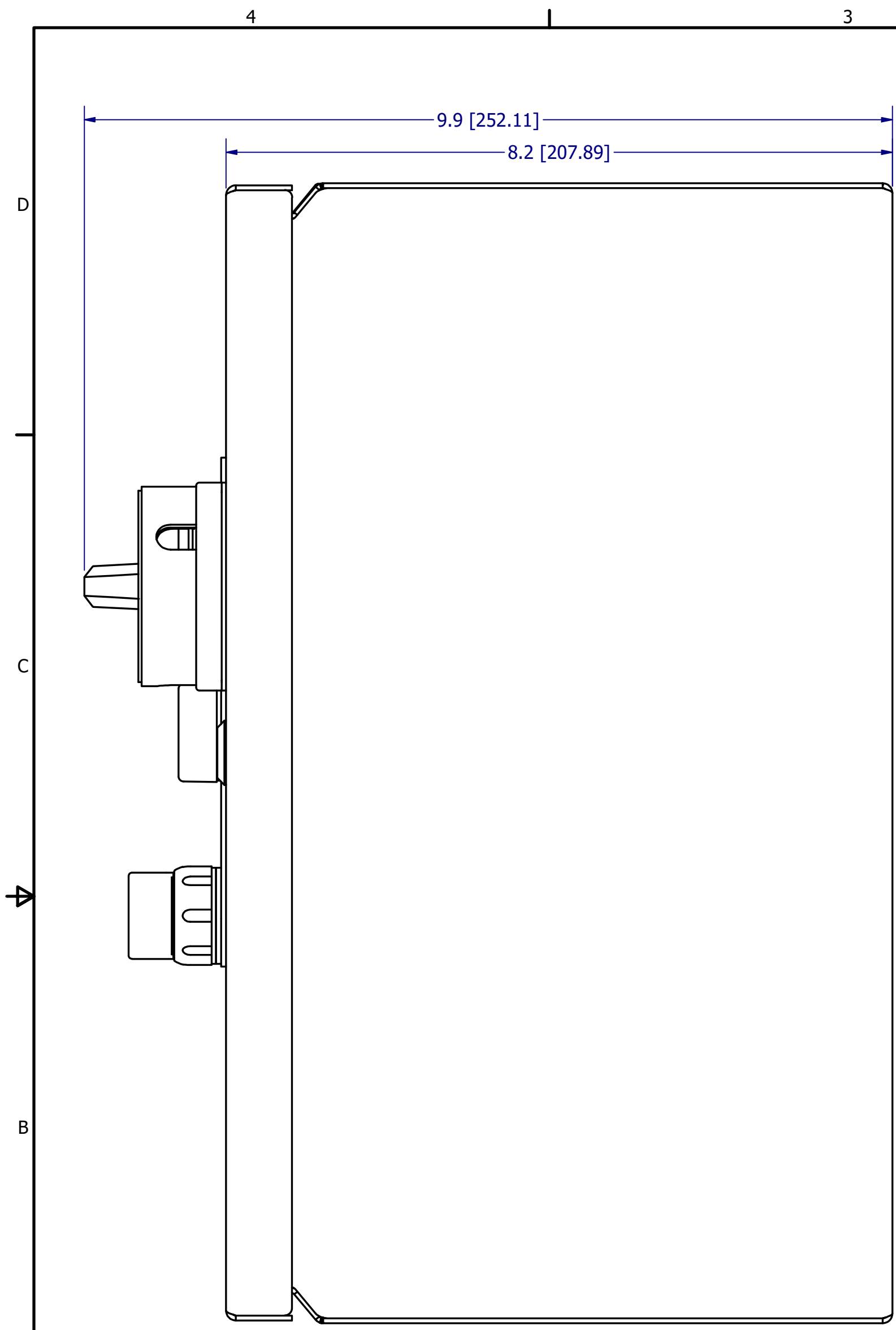
Notes:

- 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.

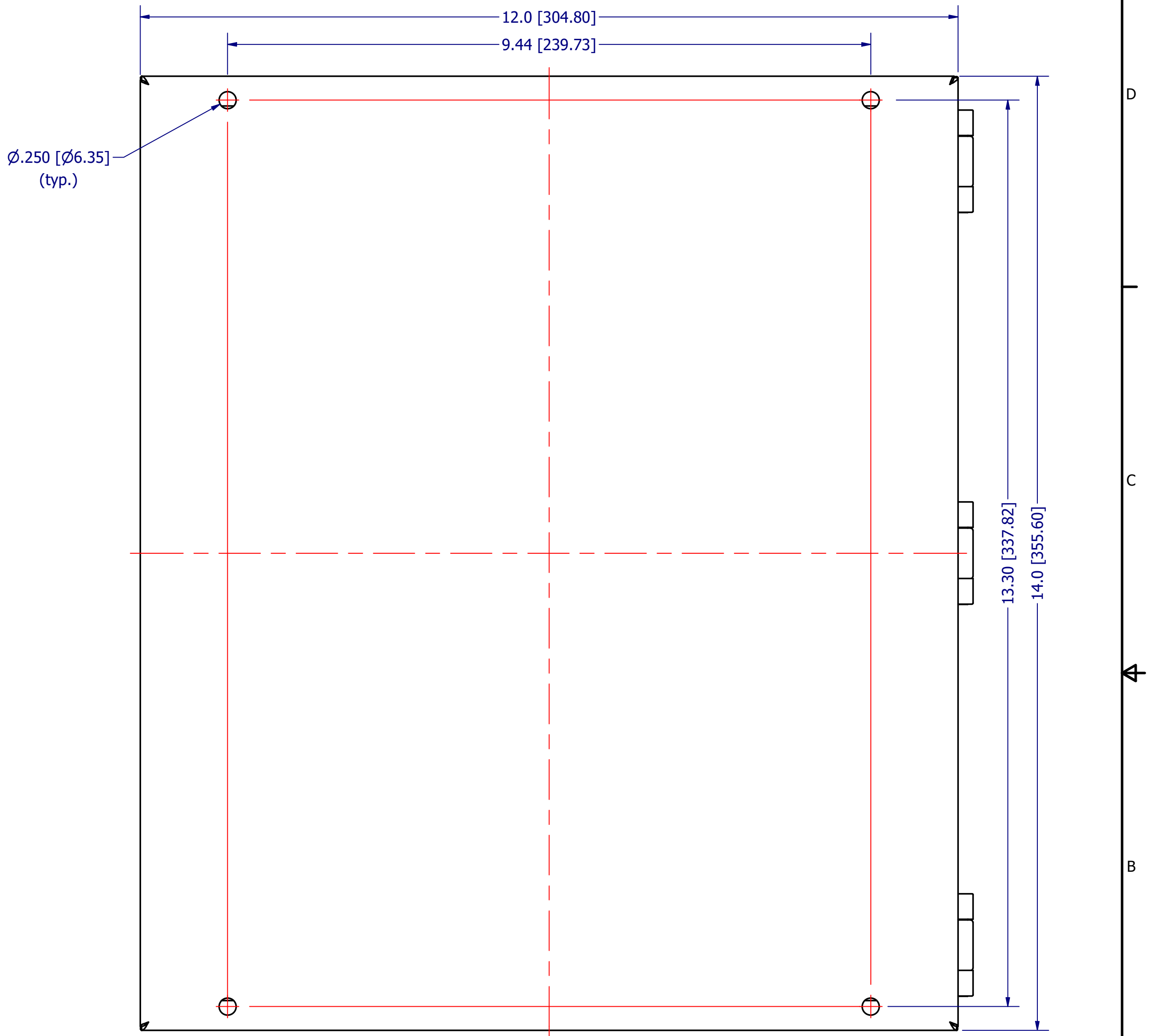
Customer to make connections
Customer to move the single wire to the desired voltage

<p>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</p> <p>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.</p>	Units:	<p>c3controls[®] P.O. BOX 496 BEAVER, PA 15009 www.c3controls.com</p>			
	in [mm]				
	Drawn By:	<p>Description: ECP-300-2XXX-M4 Enclosure - Customer Install Instructions (pg 2)</p>			
	cbunnell				
Modeled By:	Rev #:	Size:	Scale:	Part Number:	
cbunnell	3	C	n/a	12E00121	
Approved By:	Created On:				
cbunnell	11/15/2021				

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]			
	Drawn By:	cbunnell			
	Modeled By:	cbunnell			
	Approved By:	cbunnell			
Created On:	Rev #:	Size:	Scale:	Part Number:	
11/15/2021	3	C	n/a	12E00121	

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Description:
 ECP-300-2XXX-M4 Enclosure - Customer Install Instructions (pg 3)