

Catalog Number:
CP3B0131EQWI30

240/480 VAC, 1-phase, 3-wire; 100 Amps Maximum, (see Main circuit breaker rating)
Rainproof - Type 3R, Aluminum Enclosure (60"H x 30"W x 17"D), clear anodized
Enclosed Industrial Control - Suitable for Use as Service Equipment
The short circuit current rating is 22,000 RMS symmetrical amperes maximum at 480volts maximum, in accordance with the table below, but is limited to the lowest short circuit rating of any installed circuit breaker. Watthour meter is not included in the short circuit rating. Replacement circuit breakers must be of the same type and rating.

240/480V CIRCUIT DIRECTORY

No.	Amp.	Poles	Circuit Description	No.	Amp.	Poles	Circuit Description
1	20	2	LIGHTING	2	15	1	CONTROL
3				4	20	2	LIGHTING
5	20	2	LIGHTING	6			
7				8	20	2	LIGHTING
9	20	2	LIGHTING	10			
11				12	15	1	TRANSFORMER
13	20	2	LIGHTING	14			
15				16			
17	30	2	SURGE	18			
19				20			
21				22			
23				24			

120V CIRCUIT DIRECTORY

No.	Amp.	Poles	Circuit Description
1	15	1	RECEPT (GFI)
2	15	1	LIGHT
3	15	1	SPARE
4			
5			
6			

NOTES:

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- 1.) Sloped top.
- 2.) Pedestal must have Corbin Lock (Slam Latch) on customer door.
- 3.) All electrical components must be installed inside the pedestal exactly as the outline drawings show.
- 4.) Must label load side of each terminal pole.
- 5.) Isolated neutral must be mounted on lower channel.

240/480V BREAKERS

AIC RATING	MAIN	BRANCHES
22	SIEMENS TYPE NGG	SIEMENS TYPE BQD

Circuit breaker handle trip position is between "ON" and "OFF". To reset breaker, move handle to the full "OFF" position, then to full "ON".

120V BREAKERS

AIC RATING	MAIN	BRANCHES
10		SIEMENS TYPE QP

Terminal Information, Use AL/CU conductors

FIELD WIRED CONNECTORS					BUS CONNECTIONS			For Equipment Ground ONLY, multiple conductors in a single opening are permissible as indicated below		
		SLOTTED HEAD SCREWS			THREADFORMING SCREWS					
Socket Size	Torque Lb.-In.	AWG Wire Size	Torque, Lb.-In. Small Hole	Large Hole	SCREW	MAT'L	Torque, Lb.-In.	AWG Wire Size	Small Hole	Large Hole
5/16"	275	#14-10	20	35	10-24	AL	30	#14-10 #10 #8 - 6 #4 - 1/0	1-2	1-2
3/8"	375	#8	25	40	10-24	CU	50		1	3
1/2"	500	#6	35	45	1/4-20	AL	50		1	1
9/16"	600	#4	-	45	1/4-20	CU	72		1	1
		#3-1/0	-	50						

Shipping may loosen electrical connections. CHECK TIGHTNESS BEFORE ENERGIZING.

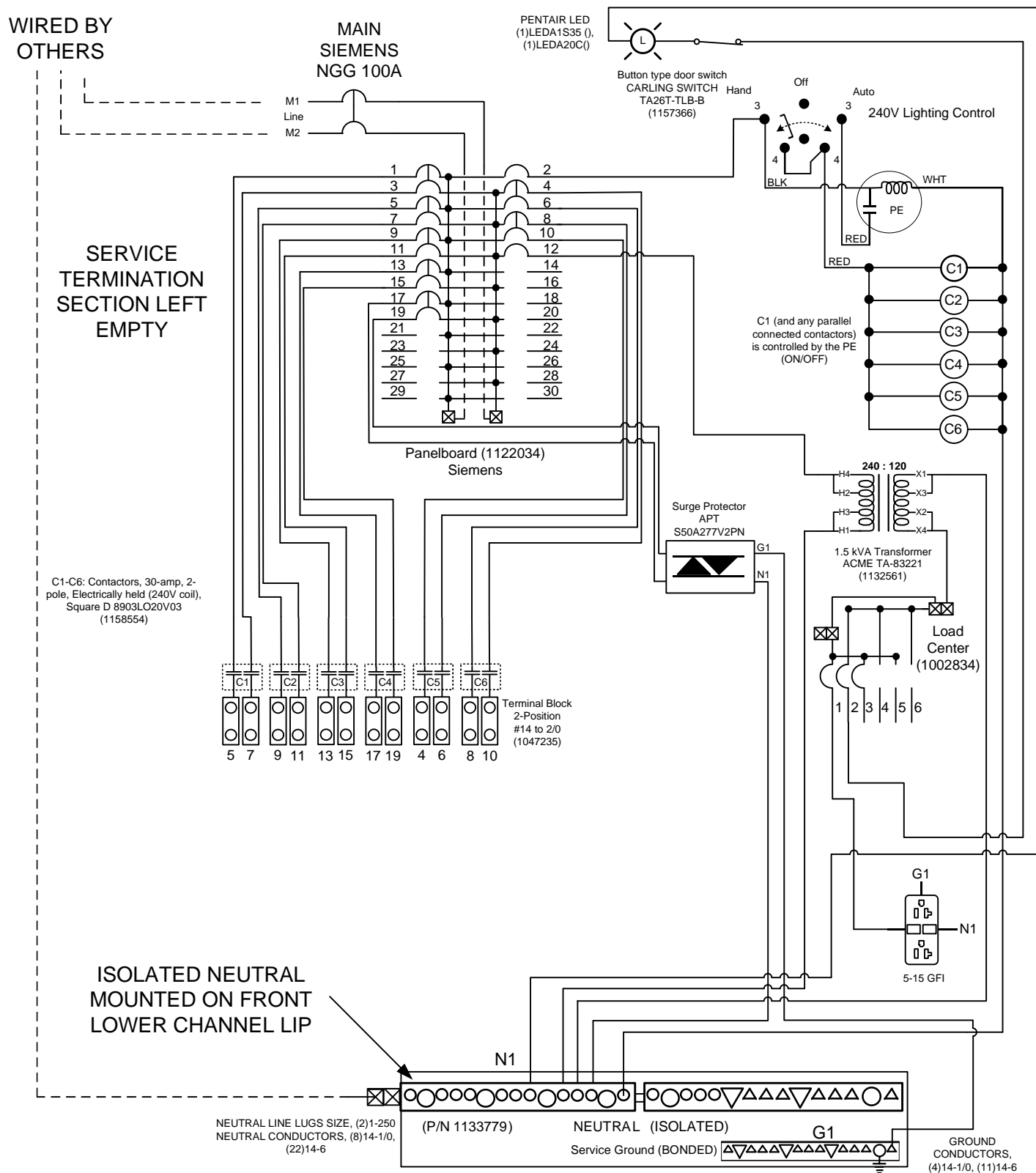
BONDED NEUTRAL – Remove neutral load conductors for test purposes only! FIELD INSTALLED conductors shall be 60°C, 75°C, or 90°C, sized to 60°C rating for 110 amps or less; and 75°C or 90°C for 125 amps and above.



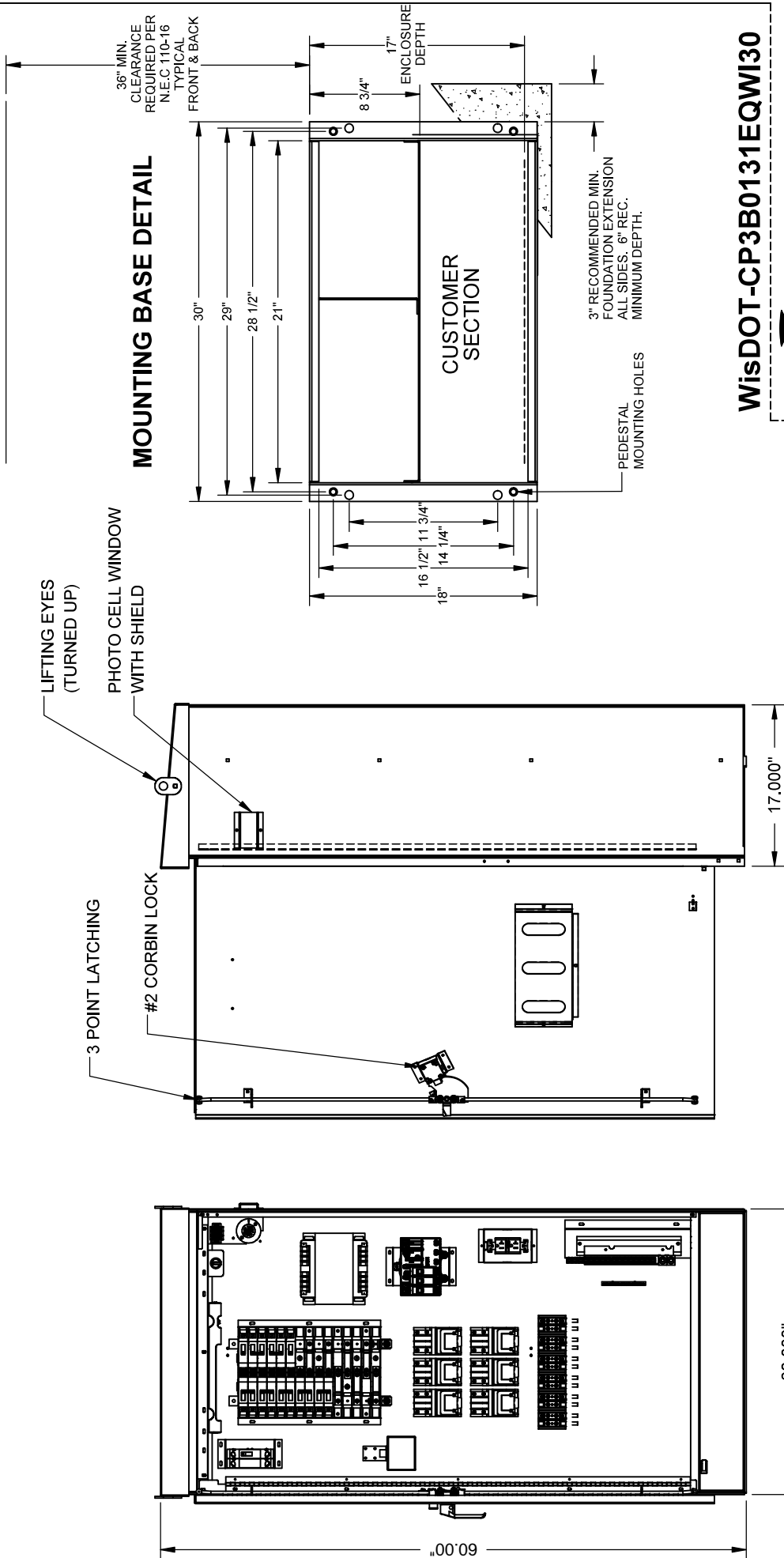
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CORBIN KEY LOCK ON CUSTOMER DOOR



30" COMMERCIAL PEDESTAL SOLID BACK



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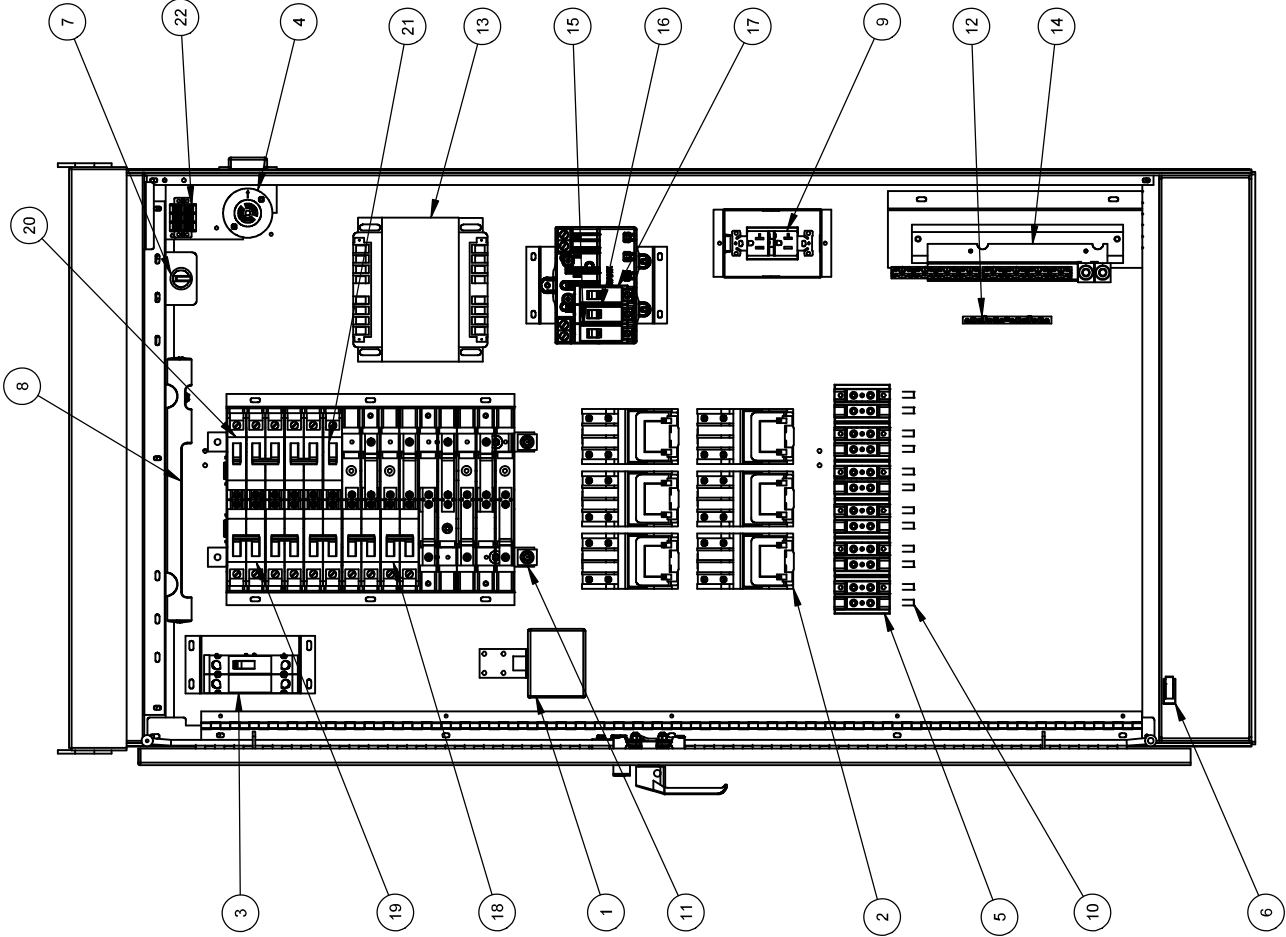
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All dimensions are +/- 1/16".
Drawing views are not to scale.
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.

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EQUIPMENT:

ITEM	DESCRIPTION
1	SURGE
2	CONTACTORS
3	2 POLE 100 AMP BACKFED MAIN C/B
4	PE RECEPTACLE
5	2 POSITION TERMINAL BLOCKS FOR LOAD CONDUCTORS
6	DOOR OPERATED SWITCH FOR LIGHT
7	HAND-OFF-AUTO SWITCH
8	LIGHT
9	5-20 GFI DUPLEX RECEPTACLE
10	LABELS, LABELING FOR EACH TERMINAL ON THE LOAD SIDE
11	30 CKT PANEL BOARD, 240/480V
12	GROUND TERMINAL
13	TRANSFORMER 1.5 KVA 240V to 120V
14	ISOLATED NEUTRAL ASSEMBLY
15	1 POLE 15 AMP "RECEPTACLE" BREAKER
16	1 POLE 15 AMP "INTERIOR LIGHT" BREAKER
17	1 POLE 15 AMP SPARE BREAKER
18	2 POLE 30 AMP "SURGE" BREAKER
19	(6) 2 POLE 20 AMP "LIGHTING" BREAKER
20	1 POLE 15 AMP "CONTROL" BREAKER
21	1 POLE 15 AMP "TRANSFORMER" BREAKER



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