Catalog Number:

CP3B51C15PAOOP4

EXPOSED METER

120/240 VAC, 1-phase, 3-wire; 100 Amps Maximum, (see Main circuit breaker rating)
Rainproof - Type 3R, Aluminum Enclosure, unpainted BARE
Enclosed Industrial Control - Suitable ONLY for Use as Service Equipment
The short circuit current rating is 10,000 RMS symmetrical amperes maximum at 240volts
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.

METERED CIRCUIT DIRECTORY (LOAD CENTER)

No.	Amp.	Poles	Circuit Description	No.	Amp.	Poles	Circuit Description
1	100	2	MAIN	2	30	2	LIGHTING
3				4			
5	30	2	LIGHTING	6	30	2	LIGHTING
7				8			
9				10	30	2	LIGHTING
11				12			
13				14			
15				16	15	1	CONTROL

AIC RATING	MAIN	BRANCHES				
10K	SIEMENS TYPE QP	SIEMENS TYPE QP				

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

180 DEGREE DOOR

#2 CORBIN LOCK (CCL SECURITY 15481RS)

TAMPER PROOF SCREW (wrench provided)

NO PE SHIELD

TOOL-LESS SCREWS ON METER COVER

4 SIDED SEAL ON CUSTOMER DOOR

FACTORY INSTALLED ARC

FLASH LABEL (1119071)

NEXT TO MAIN

Terminal Information, Use AL/CU conductors

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

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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EXPOSED METER

Meter Socket 200 Amps Continuous (1009722 & 1026907) CAUTION: Lever By-pass. Circuit may be live with meter removed. Meter is bypassed rotated upward. M2 M1 NEUTRAL Ø (TEST POINT) ⊕ Ġ N1 В ØΑ ØB Service Termination Section (1114904) **FACTORY INSTALLED ARC** 120/240 VAC, 1-phase, 3-wire; 100 Amps Maximum, (see Main circuit breaker rating) Rainproof - Type 3R, Aluminum Enclosure, unpainted BARE Enclosed Industrial Control - Suitable ONLY for Use as Service Equipment

NO PE SHIELD 120V Lighting Control Photo-cell supplied by Auto Hand others. 10A maximum load N1 WHT _ഞ്ഞ PE C1-C4 is "ON" when the HOA is in the Auto position, And the PE is "ON,"; C1-C4 is "OFF" when either the PE or HOA are "OFF"; Select the HAND position To test C1-C4 C2 C3

C1 - C4: Contactor, 65-amp, 3-pole, Electrically held (120V coil), ABB ABB65-30-00-13 (1229104)

 \triangle **FLASH LABEL (1119071) NEXT TO MAIN**

2-Position #14 to 2/0

(1047235)

M2 M1 -l⊢C1 \triangle -Î⊢C1 сзН -i⊢C2 II-C2 C3-H 10 | C4 II-C4 13 14 16 CP Terminal Block Terminal Block

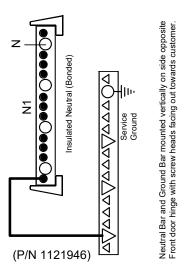
Load Center (1050690)

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2-Position #14 to 2/0

(1047235)

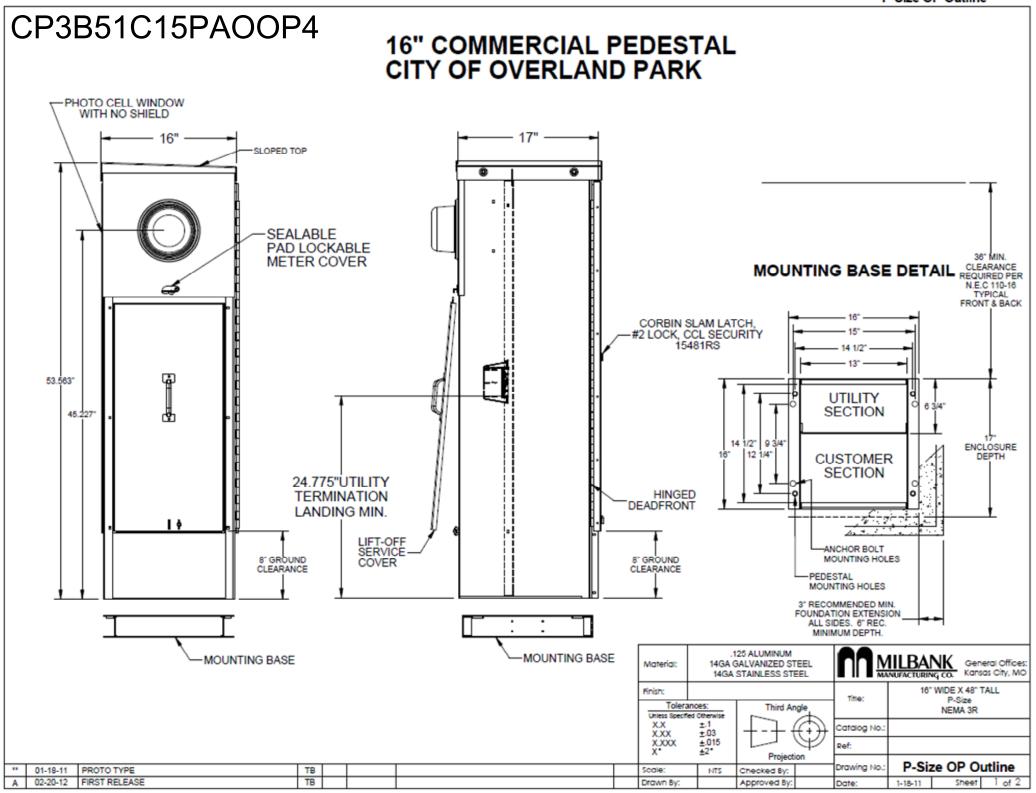
Insulated Bonded Neutral, Mounted on back barrier above the contactors.



BONDED NEUTRAL, REMOVE NEUTRAL LOAD CONDUCTORS FOR TEST PURPOSES ONLY

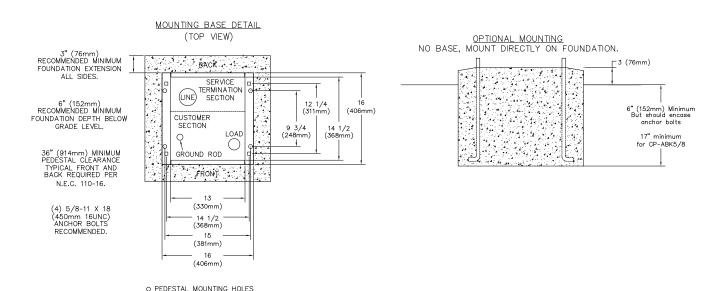






CP3B51C15PAOOP4

TYPICAL CONSTRUCTION & INSTALLATION DETAILS SIDE VIEW **FRONT** VIEW - 16 (406mm) UTILITY TERMINATION LANDING. PADLOCK BRACKET EXTENDS THROUGH DOOR FOR SECURITY. LIFT OFF SERVICE COVER WITH HANDLE. PADLOCKABLE. CUSTOMER SECTION HINGED DEADFRONT. SERVICE TERM. 23 (584mm) HINGED EXTERIOR DOOR. MEANS PROVIDED TO HOLD DOOR IN OPEN POSITION. SECTION PADLOCK BRACKET _ BASE MINIMUM 1° SLOPE _3 (76mm) RECOMMENDED MOUNTING, BASE ENCLOSED IN GRADE CONCRETE. (152mm) MINIMUM CONCRETE FOUNDATION LOAD CONDUITS - GROUND ROD WITH GROUND CLAMP 3/4" X 120" (19mm X 3000mm) SERVICE CONDUIT



□ ANCHOR BOLT MOUNTING HOLES

DRAWING APPROVAL REQUIRED

THE FOLLOWING DRAWING IS SUBMITTED FOR YOUR APPROVAL FOR INTERPRETIVE ACCURACY. BEFORE WE MAY PROCEED WITH MANUFACTURING THIS PRODUCT WE REQUEST THAT THE APPROPRIATE PERSONS REVIEW THIS DRAWING, SIGN & DATE THE DRAWING & RETURN THIS FORM AS APPROVAL OF THIS PRODUCT.

As of 7/21/22 the lead time for this unit is 10-12 weeks after receipt of this drawing with approval signature. Customer requested non-standard components can exceed 6 weeks.

Date	7/21/22							
Agent	MEGLIO & ASSOCIATES							
Distributor	MEGLIO ESI GROUP							
Job	OVERLAND PARK							
PO#								
Quote#	SQ409838							
Catalog #	CP3B51C15PAOOP4							
Comments:		 						
Drawing is approved as is								
Requires changes								
Drawing not approved								
Company Nan	me							
SignatureDate								

PLEASE FAX OR EMAIL APPROVAL TO YOUR LOCAL MILBANK SALES REP.