

Catalog Number:
CP3B0131EMWI1

REV	
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240/480 VAC, 1-phase, 3-wire; 100 Amps Maximum, (see Main circuit breaker rating)
Rainproof - Type 3R, Aluminum Enclosure, clear anodized
Enclosed Industrial Control - Suitable for Use as Service Equipment
The short circuit current rating is 25,000 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.

UNMETERED CIRCUIT DIRECTORY

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

NOTES:

WIDOT

- 1.) Pedestal must have lifting eyes.
- 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.

AIC RATING	MAIN	BRANCHES
10	Any 480V, 10k rated circuit breaker	SIEMENS TYPE: BQD
18 SERIES RATED	SIEMENS ED4	SIEMENS TYPE: BQD
25 SERIES RATED	SIEMENS ED6	SIEMENS TYPE: BQD
42 SERIES RATED	SIEMENS HFXD6, HED4	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".

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					
		AWG Wire Size	Torque, Lb.-In.	Small Hole	Large Hole	SCREW	MAT'L			
Socket Size	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			
		#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.

ECR#		Date:	10/18/2012
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CORBIN KEY LOCK ON CUSTOMER DOOR

WIRED BY
OTHERS

SERVICE
TERMINATION
SECTION LEFT
EMPTY

C1-C6: Contactors, 30-amp, 2-pole, Electrically held (240V coil), Square D 8903LO20V03 (1158554)

NOTE: In order to meet UL508A, to protect against short circuit current, contactors and terminal poles must be fused with a 30 amp type RK5 fuse.

ISOLATED NEUTRAL
MOUNTED ON FRONT
LOWER CHANNEL LIP

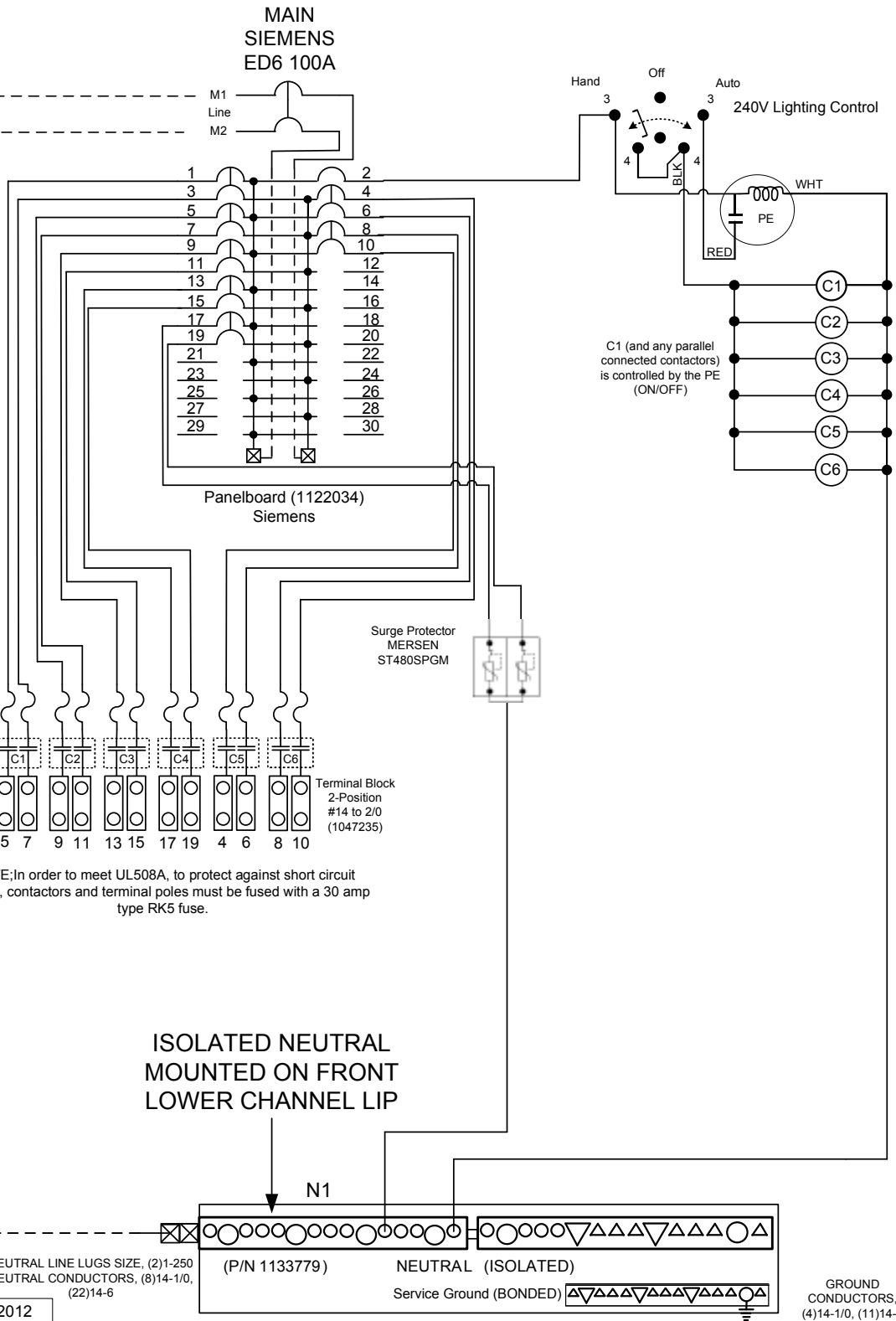
NEUTRAL LINE LUGS SIZE, (2)1-250
NEUTRAL CONDUCTORS, (8)14-1/0,
(22)14-6

(P/N 1133779)

NEUTRAL (ISOLATED)

Service Ground (BONDED)

GROUND
CONDUCTORS,
(4)14-1/0, (11)14-6

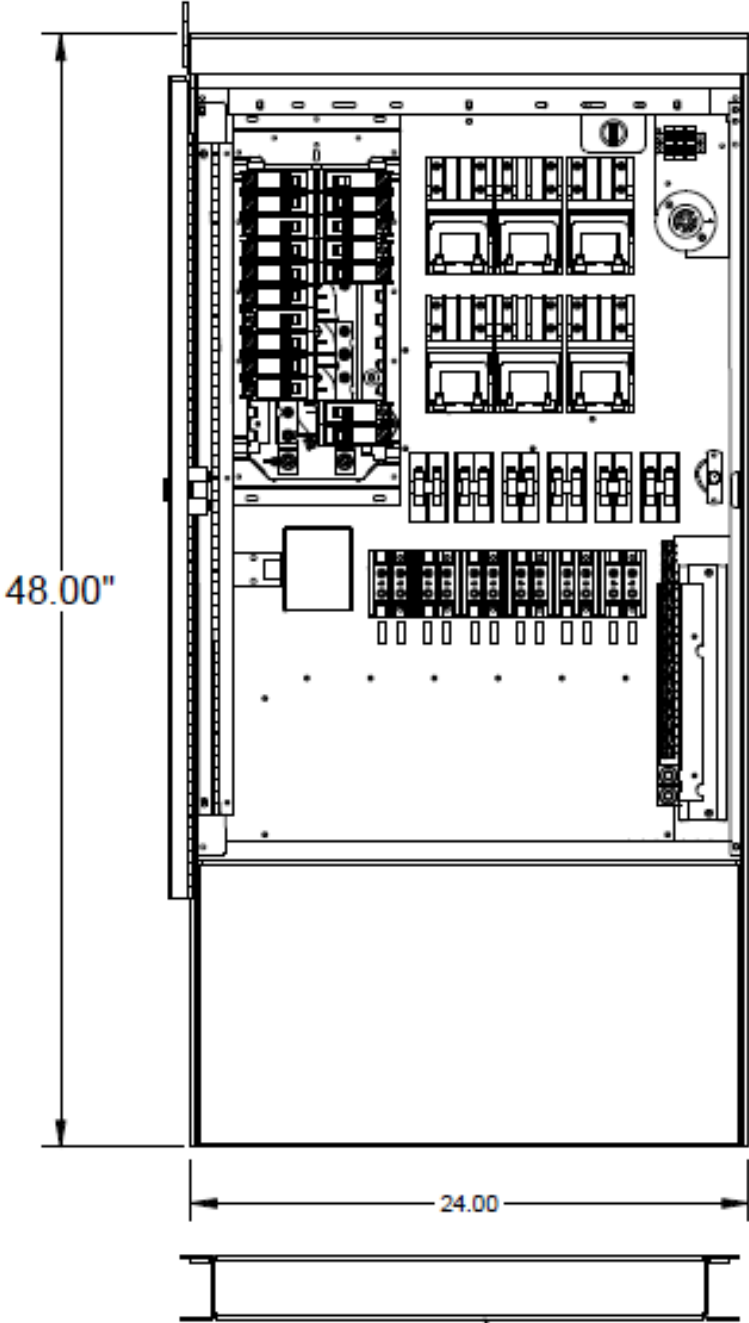


LED
INDICATORS

ECR# Date: 10/18/2012

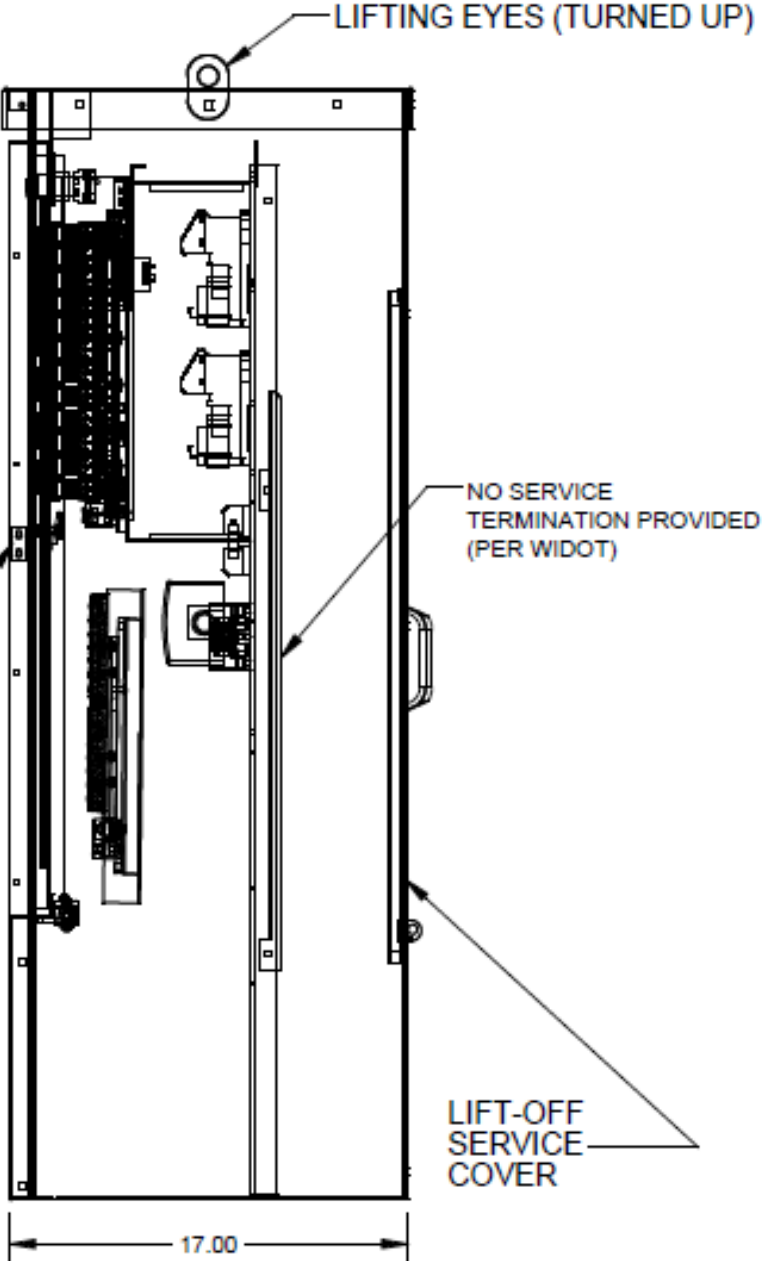


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MOUNTING BASE

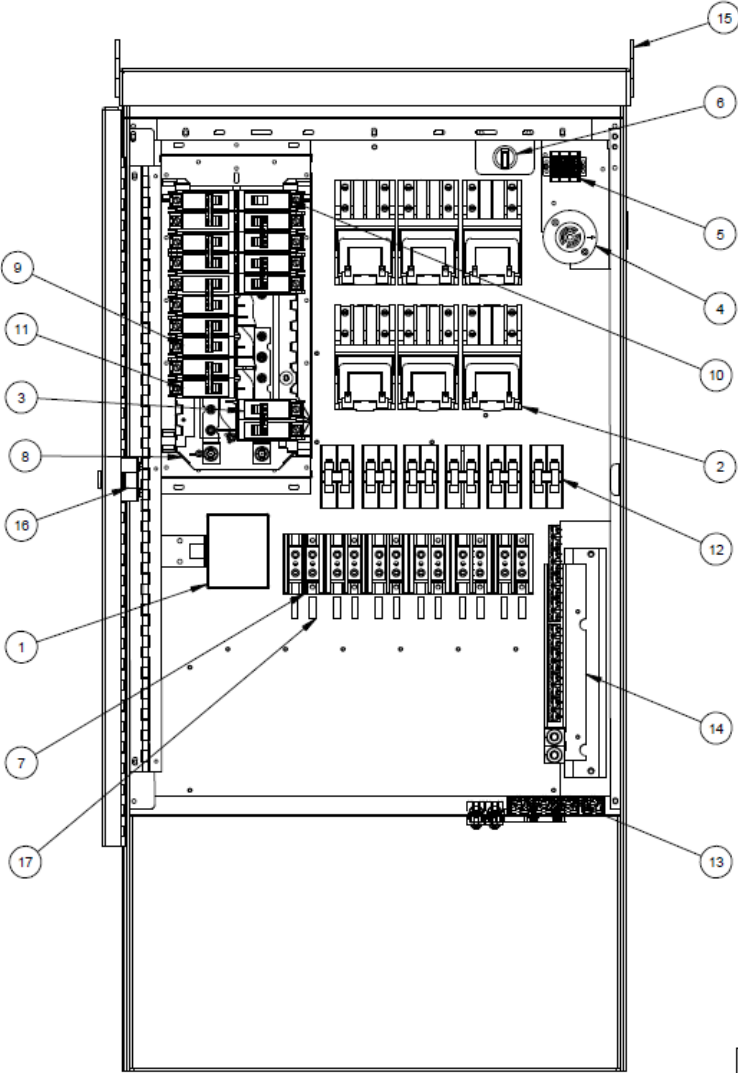
CORBIN SLAM
LATCH CATCH



MOUNTING BASE


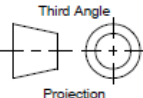
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M-Size WI



EQUIPMENT:

ITEM	DESCRIPTION
1	SURGE
2	(6) CONTACTORS
3	2 POLE 100 AMP BACKFED MAIN C/B
4	PE RECEPTACLE
5	3 POS-TERMINAL
6	HAND-OFF-AUTO SWITCH
7	(6) 2-POLE MARATHON# 1322572 (2) line - 2/0-14 (2) load - 2/0-14
8	24 CKT LOAD CENTER, 120/240V
9	(6) 2 POLE 20 AMP "LIGHTING" BREAKERS
10	1 POLE 15 AMP "CONTROL" BREAKER
11	2 POLE 30 AMP "SURGE" BREAKER
12	(12) 30 AMP CC FUSES
13	GROUND, BONDED
14	ISOLATED NEUTRAL ASSEMBLY (LARGE)
15	(2) LIFTING HANGER, 7/8 INCH EYELET
16	CORBIN SLAM LATCH LOCK R.H.W/#2KEY, CCL SECURITY 15481RS
17	LABELS, LABELING FOR EACH TERMINAL ON THE LOAD SIDE

Material:		 MILBANK MANUFACTURING CO. General Offices: Kansas City, MO	
Finish:		Title:	WIDOT
Tolerances: Unless Specified Otherwise X.X ±.1 X.XX ±.03 X.XXX ±.015 X" ±2"		Catalog No.:	
 Third Angle Projection		Ref:	
Scale:	NTS	Drawing No.:	M-Size WI
Drawn By:		Date:	04-10-12
Checked By:		Sheet	2 of 2
Approved By:			

D	08-13-12	FIRST RELEASE	TB	B	04-30-12	ADDED SPD & TDS	TB
E	11-21-12	REVISED PER PI LABEL	TB	C	06-19-12	INTERIOR LIGHT WAS A 20A	TB