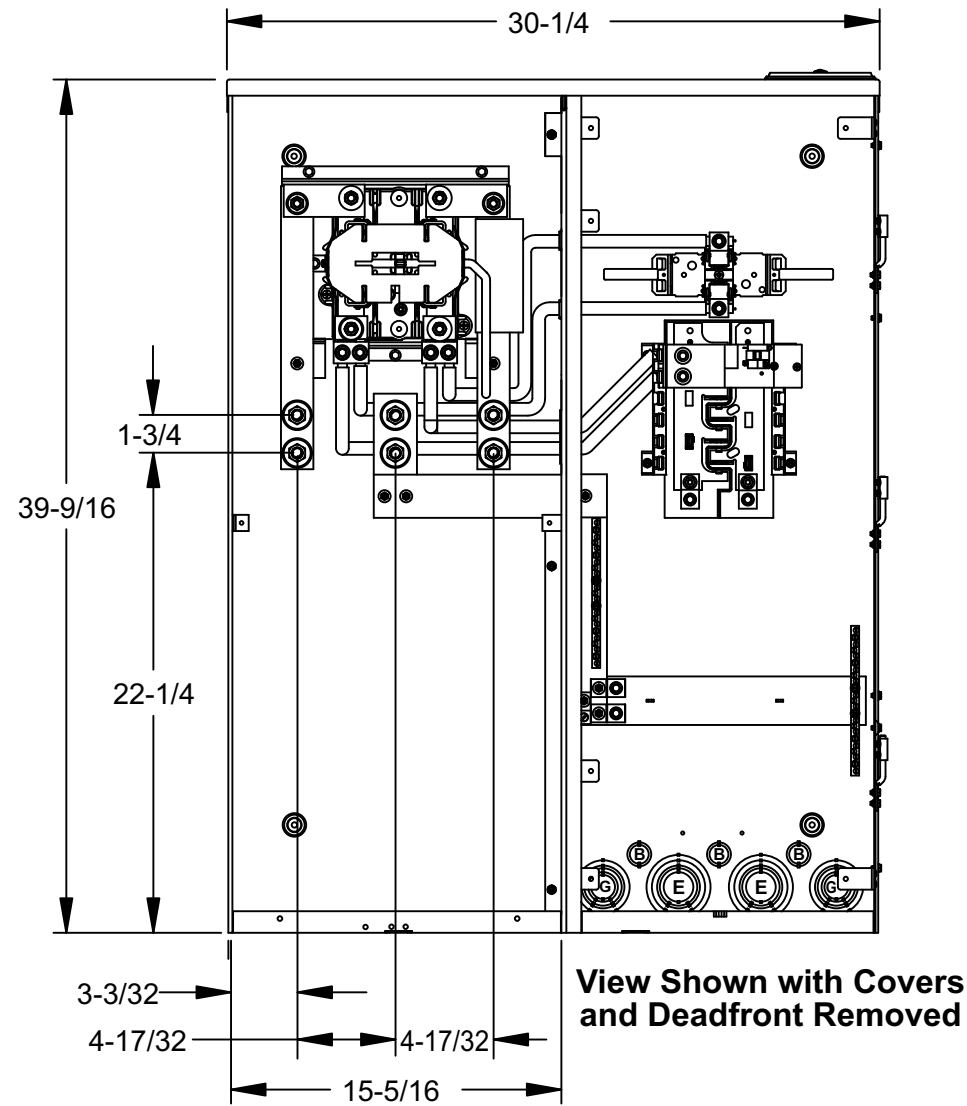
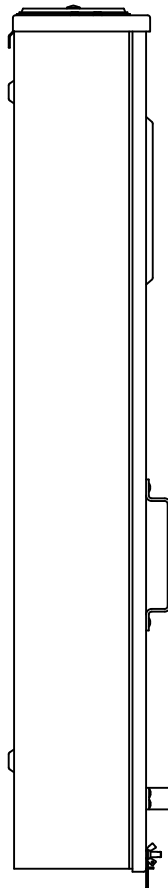
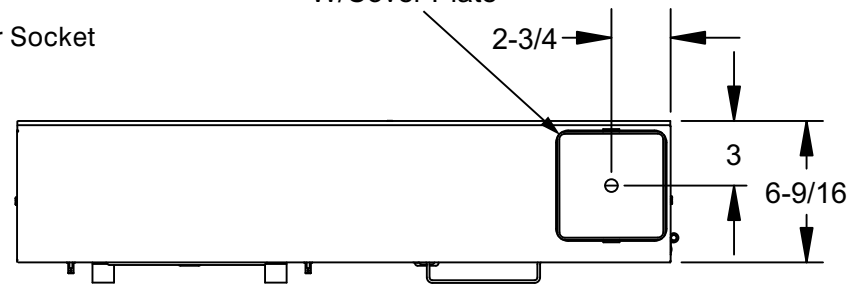


# Catalog Number: MC0816B1400SDL

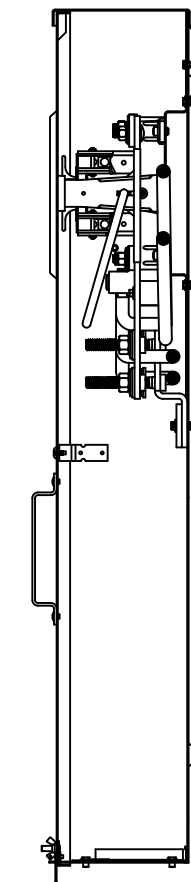
## Features and Ratings

- 400 Amps Max, 22K AIC Max Rated
- 200A Factory Installed Main Breaker
- Provision for 200A Max. Field Installed Breaker
- 1 Phase, 3 Wire 120/240V AC
- 320 Amps Continuous, Lever Bypass Meter Socket
- For Underground Service
- (8) 1" Spaces, (16) Circuits Max.

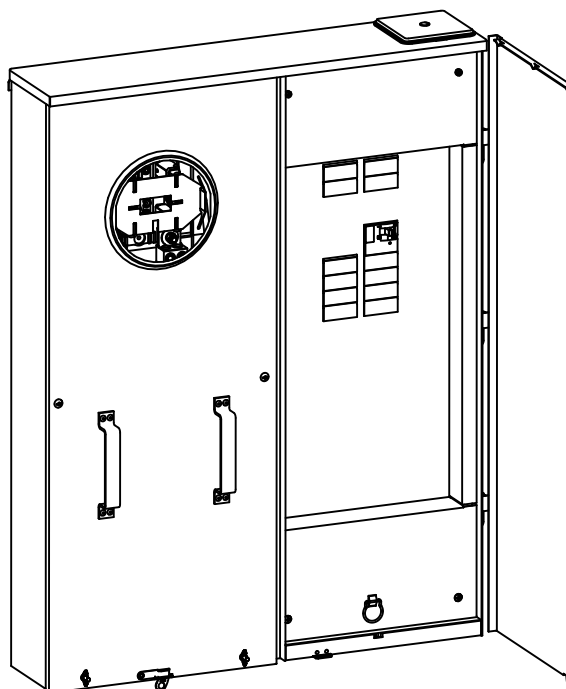
HD Hub Opening  
W/Cover Plate



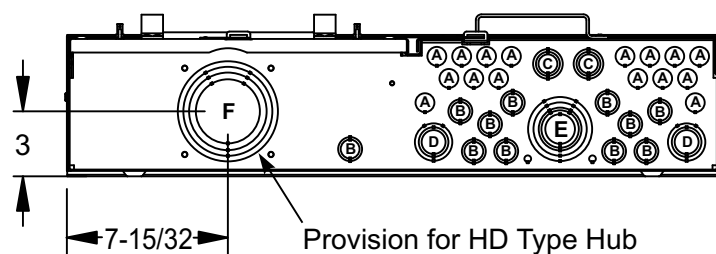
View Shown with Covers and Deadfront Removed



Section Thru Meter Section



Knockouts (inches)	
A:	1/2
B:	1/2, 3/4
C:	1/2, 3/4, 1
D:	3/4, 1, 1-1/4
E:	1, 1-1/4, 1-1/2, 2, 2-1/2
F:	2-1/2, 3, 3-1/2
G:	3/4, 1, 1-1/4, 1-1/2, 2



## Accessories

Description:	Catalog No.
Filler Plate	QF3 / ECQF3
Flush Rail Kit	ECFRK1
5th Jaw Kit	H35815-2
200 Amp Main Breaker	QN2200RH
150 Amp Main Breaker	QN2150RH
Mechanical Interlock	ECMQL12
Standby Interlock Kit	ECSBPK05
Standby Interlock Kit	ECSBPK07
LUG #6-350 kcmil	SUK350TA
LUG #2-600 kcmil	SUK600TA
LUG 500-1000 kcmil	SUK1000TA
Equip. Ground Bars	Type ECGB

### Type HD Hubs

Trade size (in)	Catalog No.
2"	EC56854
2 1/2"	EC56855
3"	EC56856
3 1/2"	EC56857
4"	EC56858
Closure Plate	EC56933S

## Wire Sizes and Torques

(see schematic)

### Line Terminals:

Provisions for UL listed one or two hole NEMA mounting terminals. Use mechanical lugs listed in accessory chart or compression terminals to #750 kcmil, single conductor, ILSCO type ACL or 2ACL.

Installation Tool : THOMAS & BETTS # TBM8 for #10-350kcmil(AL), #8-500kcmil(CU) TBM8-750M-1 for #8-750kcmil(CU/AL)

### Tightening Torques:

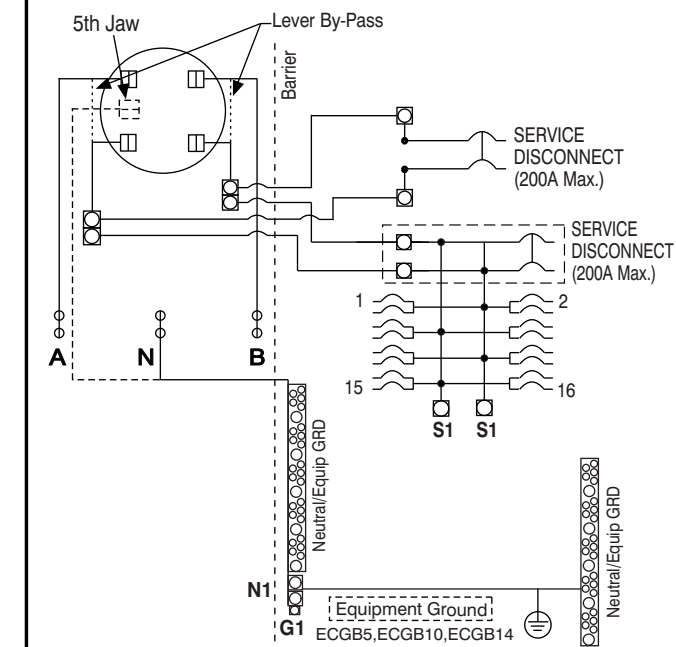
5/16" Nuts(1/2" Drive).....130-140 in-lbs  
3/8" Nuts(9/16" Drive).....240-260 in-lbs  
1/2" Nuts(3/4" Drive) .....490-540 in-lbs

Ground Terminal Size	Wire Range	Torque
1/0-#14	(2 or 3)#12-14 CU	35 lb-ins
	(2 or 3)#10-12 AL	35 lb-ins
	(2) #10 CU (3) #10 CU	35 lb-ins 50 lb-ins
#6-#14	(2) #12-14 CU	20 lb-ins
	(2) #12 AL	20 lb-ins
#4-#14 (ECGB)	(1, 2 or 3)#14,	20 lb-ins
	(1 or 2) #12-#10	20 lb-ins
	#8-#4	25 lb-ins 35 lb-ins

Only Equipment Ground Terminals may use more than one wire per terminal.

Line, Neutral and Ground Terminals		
Terminal	Wire Size	Torque
A, B, N SUK350TA SUK600TA SUK1000TA	(2)#6-350 kcmil	275 lb-ins
	#2-600 kcmil	375 lb-ins
	500-1000 kcmil	500 lb-ins
N1, S1	#4 - 300 kcmil	250 lb-ins
G1	2/0 - #14	50 lb-ins
Branch Brkr Terminals	See Markings on Breaker	
Neutral/ Equip GRD (1/0-14)	#10 - #14 CU	35 lb-ins
	#10 - #12 AL	35 lb-ins
	#8 1/0 - #6	40 lb-ins 45 lb-ins
Neutral/ Equip GRD (6-14)	#10 - #14 CU	20 lb-ins
	#10 - #12 AL	20 lb-ins
	#8 #6	25 lb-ins 35 lb-ins

## Schematic



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Building Technologies Division

## Meter Load Center Combination

Description:		<b>400A 0816 Lever Bypass UG</b>	
Size B	Dwg. No.	<b>MC0816B1400SDL</b>	
Dwn KAM	Date 5/10/10	DO NOT SCALE DRAWING	SHEET 1 OF 1