

Data Sheet for Low Voltage Metal-Enclosed Switchgear (IEEE C37.20.1)

1	Facility Location:			
2	Unit:	Item/Tag No.:		
3	Service:	Owner Job No.:		
4	Contractor:	Purchase Order No.:	by Co.:	
5	Manufacturer:	Model No.:		
6		Serial No.:		
7	SERVICE CONDITIONS			
8	Ambient Temperature:	☐ -30 to +40°C (-22 to +104°F)	☐ Other _____	
9	Altitude Above Sea Level:	☐ ≤ 3300 ft.	☐ > 3300 ft.: _____ ft.	
10	Equipment to be installed:	☐ Indoor	☐ Outdoor	
11	NEC Area Classification:	Class _____	Group(s) _____	Division _____ ☐ Non-Classified
12	Lowest Temp. Ambient Gas, Vapor, Dust, & Fiber NEC 500 Temperature ID No.: T _____			
13	Unusual Service Conditions: _____			
14	POWER SYSTEM			
15	System Voltage _____ V (Line to Line)	_____ Phase	_____ Hz	
16	Available Short Circuit Current (RMS Sym) _____	Max. Ground Fault _____		
17	Type Grounding: ☐ High Resistance (preferred)	☐ Solid	☐ Impedance	
18		☐ Low Resistance	☐ Ungrounded	
19	SWITCHGEAR			
20	Service Voltage:	☐ 480 V	☐ 600 V	☐ Other _____ V
21	3-Phase Interrupting Capacity:	_____ kA (RMS SYM)		
22	Enclosure:	☐ NEMA 12	☐ NEMA 3R	☐ Other _____
23	Main Bus: Continuous Current Rating:	☐ 1600 A	☐ 2000 A	☐ 3000 A
24		☐ 3200 A	☐ 4000 A	☐ Other _____ A
25	Bus Connections:	☐ Silver Plated	☐ Other _____	
26	Bus Bracing:	☐ 100 kAIC	☐ Other _____	
27	Neutral Bus:	☐ None	☐ 100%	
28	Breaker Control	☐ 125 VDC	☐ Other _____ V	
29	One Line Drawing No.:	_____		
30	Schematic Drawing No.:	_____		
31	Main-Tie-Main Scheme:	☐ Automatic	☐ Manual	
32	NOTES			
33	Voltmeter switches shall be four-position, marked: off, 1-2, 2-3, & 3-1.			
34	Ammeter switches shall be provided with an off position and a monitoring position for each phase.			
35	Switches shall have enclosed contacts that are accessible by removable covers.			
36	LED indicating lights.			
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43	NO.	DATE	REVISION	BY APP.
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1	SERVICE			
2	Service:	☐ Main	☐ Tie	☐ Feeder
3		☐ MCC Transition	☐ Generator	☐ Induction Motor
4		☐ Auxiliary	☐ Transformer	☐ Other _____
5	Rated Continuous Current:	☐ 4000 Amps	☐ 3200 Amps	☐ 3000 Amps
6		☐ 2000 Amps	☐ 1600 Amps	☐ Other _____ Amp
7	Trip Current: _____ A			
8	MCC DATA FOR MCC FEEDER AND/OR TRANSITION SECTION			
9	MCC Main Bus Rating:	☐ 1200 Amps	☐ 1600 Amps	☐ 2000 Amps
10		☐ 2500 Amps		
11	Interrupting Rating in RMS Sym. Amps:	☐ 100,000 Amps		
12		☐ Other _____ Amps		
13	POWER WIRING			
14	Incoming or Line Side		Outgoing or Load Side	
15	☐ Top	☐ Bottom	☐ Top	☐ Bottom
16	☐ Bus Duct		☐ Transition Bus Bar	☐ Bus Duct
17	Dimensional Drawing No.: _____		Dimensional Drawing No.: _____	
18	☐ Cable, Conductor:	Size: _____	☐ Cable, Conductor:	Size: _____
19		Rating (Volts): _____		Rating (Volts): _____
20		No. per Phase: _____		No. per Phase: _____
21	Ground Conductor Size: _____		Ground Conductor Size: _____	
22	Feeder Type: ☐ Tray cable ☐ CLX ☐ Conduit _____		Feeder Type: ☐ Tray cable ☐ CLX ☐ Conduit _____	
23		Qty: _____		Qty: _____
24		Size: _____		Size: _____
25	ENGRAVED DOOR NAMEPLATES			
26	Line 1 _____			
27	Line 2 _____			
28	Line 3 _____			
29	ENCLOSURE SPACE HEATER			
30	Power:	☐ 120 VAC	☐ Other _____ V	
31	Options:	☐ Humidistat	☐ Test Switch	☐ Ammeter
32	NOTES			
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