



# CENTERLINE® Motor Control Center Specification Checklist

*Check boxes and fill in blanks as required.*

<b>Customer</b>		<b>User</b>							
<b>Prepared By</b>		<b>Office</b>							
<b>Standards</b>									
<input type="checkbox"/> UL	<input type="checkbox"/> NEMA	<input type="checkbox"/> ICS Specification No. _____							
<input type="checkbox"/> CSA (cUL)	<input type="checkbox"/> Service Entrance	<input type="checkbox"/> Other _____							
<b>Incoming Power</b>									
Line Volts:	<input type="checkbox"/> 220	<input type="checkbox"/> 230	<input type="checkbox"/> 240	<input type="checkbox"/> 380	<input type="checkbox"/> 400	<input type="checkbox"/> 415	<input type="checkbox"/> 480	<input type="checkbox"/> 600	<input type="checkbox"/> Other _____
Power:	<input type="checkbox"/> 3-phase 3-wire			<input type="checkbox"/> 3-phase 4-wire					
Hz:	<input type="checkbox"/> 50 Hz			<input type="checkbox"/> 60 Hz					
Available Fault Current:	_____ kA								
<b>Structure</b>									
NEMA Type:	<input type="checkbox"/> Type 1	<input type="checkbox"/> Type 1 w/ gasket	<input type="checkbox"/> Drip Hood	<input type="checkbox"/> 12" Pullbox					
	<input type="checkbox"/> Type 12	<input type="checkbox"/> Type 3R non-walk-in	<input type="checkbox"/> Bottom Plates						
	<input type="checkbox"/> Type 4 (stainless steel only)		<input type="checkbox"/> Other _____						
Depth:	<input type="checkbox"/> Front Only	<input type="checkbox"/> 15" deep (381 mm)	<input type="checkbox"/> 20" deep (508 mm)						
	<input type="checkbox"/> Back-to-back	<input type="checkbox"/> 30" deep (762 mm)	<input type="checkbox"/> 40" deep (1016 mm)						
Options:	<input type="checkbox"/> Space Heater w/ Thermostat	<input type="checkbox"/> Corner Section	<input type="checkbox"/> Special Paint - describe _____						
	<input type="checkbox"/> 9" Vertical Wireway	<input type="checkbox"/> External Mounting Angles	<input type="checkbox"/> Other _____						
	<input type="checkbox"/> Master Nameplate	<input type="checkbox"/> DeviceNet Cabling							
<b>Bus</b>									
Power Bus Bracing (amperes rms symmetrical):	<input type="checkbox"/> 42kA (std)	<input type="checkbox"/> 65kA	<input type="checkbox"/> 100kA						
Horizontal Power Bus:	Material -	<input type="checkbox"/> Aluminum (600A & 800A only)	<input type="checkbox"/> Copper						
	Rating -	<input type="checkbox"/> 600A	<input type="checkbox"/> 1000A	<input type="checkbox"/> 1600A	<input type="checkbox"/> 2500A				
		<input type="checkbox"/> 800A	<input type="checkbox"/> 1200A	<input type="checkbox"/> 2000A					
Plating -	<input type="checkbox"/> Tin	<input type="checkbox"/> Silver							
Vertical Power Bus:	<input type="checkbox"/> 300A (600A equivalent)		<input type="checkbox"/> 600A (1200A equivalent)						
Horizontal Ground Bus:	<input type="checkbox"/> 1/4" x 1" (6.25 x 25mm)		<input type="checkbox"/> 1/4" x 2" (6.25 x 50 mm)						
	<input type="checkbox"/> Unplated Copper		<input type="checkbox"/> Tin Plated Copper						
	<input type="checkbox"/> Top Mounted	<input type="checkbox"/> Bottom Mounted	<input type="checkbox"/> Top and Bottom Mounted						

**Bus - continued**

Vertical Ground Bus  
(steel plug-in vertical is standard):

- Plug-in
- Unplated Copper
- Unit Load
- Tin Plated Copper

Neutral Bus:

- Termination Plate only
- Full Rated
- Number of Loads \_\_\_\_\_
- Incoming Line Only
- Half Rated
- All Sections

Stab Openings:

- Open
- Manual Shutters
- Protective Caps
- Automatic Shutters

Options:

- Unit Isolating Barriers
- NO-OX-ID compound
- Other \_\_\_\_\_

**Incoming Line Termination**

Main Lug (MLO):

Located in Section No. \_\_\_\_\_  Top  Bottom

No. of cables per phase \_\_\_\_\_ Cable Size \_\_\_\_\_

- Lugs by Others
- Mechanical Lugs
- Crimp Compression Lugs
- Notes: \_\_\_\_\_

Main Circuit Breaker (MCB):

Type \_\_\_\_\_ Frame \_\_\_\_\_ Trip \_\_\_\_\_

Located in Section No. \_\_\_\_\_  Top  Bottom

Options -  Ground Fault  Shunt Trip

Auxiliary Contacts - Qty. \_\_\_\_\_  Other \_\_\_\_\_

Main Fusible Disconnect (MFD):

Ampere Size \_\_\_\_\_

Located in Section No. \_\_\_\_\_  Top  Bottom

No. of cables per phase \_\_\_\_\_ Cable Size \_\_\_\_\_

Fuse Type \_\_\_\_\_ Ampere Rating \_\_\_\_\_

Fuses Supplied by \_\_\_\_\_ Options \_\_\_\_\_

Incoming Metering Options:

No. of current transformers required \_\_\_\_\_

No. of potential transformers required \_\_\_\_\_

- Ammeter  Ammeter Switch  Cutler-Hammer IQDP4130
- Voltmeter  Voltmeter Switch  Powermonitor II 1403-MM
- Powermonitor 3000  Digital Volt/Ammeter 1405-M610
  - 1404-M5
  - 1404-M5

Transition Compartments:

- Existing center: Describe or serial number - \_\_\_\_\_
- Bus, duct, transformer, etc. Describe or attach drawings - \_\_\_\_\_

## Feeder Units

Fuse Switch:  Class CC Clips  Class J Clips  Class R Clips  Class H Clips  Class L Clips  
 Dual Mounted (2100 only)  0.5 Space Factor (30A only)  
Fuses Supplied by \_\_\_\_\_  
Other Options \_\_\_\_\_

Circuit Breaker (thermal magnetic): Interrupting Rating \_\_\_\_\_  Dual Mounted (2100 only)  
Ampere Rating \_\_\_\_\_  0.5 Space Factor (225A only)  
Other Options \_\_\_\_\_

## Combination Starter Units

Wiring: Class:  I  IS  II  IIS  IIS  DeviceNet  
Type:  A  B-T  B-D  C  
Starter Types:  FVC  FVNR  FVR  TS1W  TS2W  
 RVAT  Other \_\_\_\_\_

Disconnecting Means:  Class CC Clips  Class J Clips  Class R Clips  Class H Clips  Class HRCII-C Clips  Class L Clips  
Fuses Supplied By \_\_\_\_\_

Circuit Breaker:  HMCP (magnetic only)  Thermal Magnetic  
Accessories \_\_\_\_\_

Overload Relays:  Standard Eutectic Alloy Type  Solid-State  E3  E3 Plus  
Heater Elements Supplied by \_\_\_\_\_  
N.O. Alarm Contact Required  Yes  No

Unit Nameplates:  Cardholder  Engraved Acrylic (US only)  Engraved Phenolic  
Color Scheme -  Black letters on white  White letters on black  
 White letters on red (phenolic only)

Separate Control \_\_\_\_ Volts  Common Control  
 Transformer Control  
 Master Control Power Transformer  
 Control Circuit Transformer  
 Standard VA  Extra Capacity VA  Primary Fusing

Starter Options:  Starter Auxiliary Contacts  
Normally Open - Qty. \_\_\_\_\_ Normally Closed - Qty. \_\_\_\_\_  
 Pilot Devices  Pushbuttons \_\_\_\_\_  
 Selector Switches  
 Pilot lights - Qty. \_\_\_\_\_, Color(s) \_\_\_\_\_  
 Transformer Type  Push-to-test  Other  
 Relays or Timers, Describe \_\_\_\_\_  
 Others - Describe \_\_\_\_\_

## Other Unit / Apparatus

<input type="checkbox"/> Lighting Transformer:	Describe _____
<input type="checkbox"/> Panelboard:	Voltage _____ Phase _____ Wire _____
	IC Rating _____
	<input type="checkbox"/> Main Lug <input type="checkbox"/> Main Breaker Quantity and Pole Configuration _____
<input type="checkbox"/> Solid State Starters:	Describe _____
<input type="checkbox"/> Drives:	Describe _____
<input type="checkbox"/> Programmable Controllers:	No. of slots _____ Power Supply _____
	Describe _____
<input type="checkbox"/> Other Units, Options or Modifications:	Describe _____
<input type="checkbox"/> Extra Space for Future Units:	Describe _____

Comments / Additional Notes:

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