Global MCC solutions to meet your application needs

- **NEMA CENTERLINE 2100**
  - 480…600V

- **IEC CENTERLINE 2500**
  - 380…690V

- **CENTERLINE 1500**
  - 2400…7200V
GlobalMCC MCC Design Strategy

Globally consistent IEC and NEMA MCC solutions to meet your regional manufacturing needs.

Proven CENTERLINE bus design

- Improved heat dissipation
- Easier installation and maintenance
- Increased current carrying capacity
- Lower operating cost

Intelligent motor control components

- Drives, soft starters, electronic overload relays

IntelliCENTER® / Integrated Architecture® platform

- Enhances the intelligence of your MCC using built-in EtherNet/IP to capture information used for predictive maintenance, process monitoring and advanced diagnostics

Safety

- Provides enhanced safety features as part of the standard offering
IntelliCENTER Technology

- A single network for all automation and process control equipment
- Seamlessly linked to the front office for increased access to information
- Common package for both CENTERLINE 2100 NEMA and CENTERLINE 2500 IEC MCCs
Modbus TCP/IP within LVMCC

- Solution includes premium drives, soft starters, and now fixed speed starters for both CENTERLINE 2100 and 2500 offerings

- Aligns with the needs of customers within key industries such as oil and gas and other heavy industries

- Reduces hardware costs required to integrate an LVMCC into a third-party PLC or DCS
Identifies potential faults
• Crucial feedback from your motors helps minimize downtime
• Recording process data allows comparison over time and verifies consistent performance

Facilitates quick repair with direct access to critical component documentation

Elevation View
Quick status overview of your MCC

Monitor View
Detailed unit status information and real time trending

Maintenance Information
Manuals and drawings

Engineering Drawings
Created specifically for your MCC
# ArcShield™ Options

## CENTERLINE 2100 with ArcShield

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arc Resistant Rating</td>
<td>Device Limited</td>
</tr>
<tr>
<td>Rated Voltage</td>
<td>Up to 600V</td>
</tr>
<tr>
<td>Available Fault Current</td>
<td>Up to 65 kA</td>
</tr>
<tr>
<td>Horizontal Bus Current Rating</td>
<td>600…1200 A</td>
</tr>
<tr>
<td>&quot;Top-plate Pressure Relief System&quot;</td>
<td>Required</td>
</tr>
<tr>
<td>Vertical Wireway Baffle</td>
<td>Not Required</td>
</tr>
<tr>
<td>Arc Containment Latches</td>
<td>2 Latches/Door</td>
</tr>
<tr>
<td>Unit Support Fans</td>
<td>Bolted</td>
</tr>
<tr>
<td>Vented Units Allowed</td>
<td>Yes (Arc Resistant Baffles)</td>
</tr>
<tr>
<td>Door Mounted Devices Allowed</td>
<td>Yes</td>
</tr>
</tbody>
</table>

- **Duration:** Limited (100 ms)
- **Pressure relief system:**
  - Horizontal ground bus at top and/or bottom
  - Arc-resistant latches on all doors
  - Reinforced back plates and end plates
  - Automatic shutters
SecureConnect™ Overview

- Personnel safety feature that allows operators to disconnect power from a MCC plug-in unit without opening the enclosure door or being in the arc flash boundary¹
- Address the growing concern of working inside the arc flash boundary on live equipment
- Proactively address known hazards identified by major safety organizations and standards
  - NEC / NFPA 70
  - NFPA 70E
  - IEEE 1584
  - IEEE C37.20.7

¹ Use of safety features varies depending on MCC design
SecureConnect Remote Operator System

Previously, the SecureConnect operation could only be accomplished by using a manual ¼” Hex Driver and Socket Wrench.

Today, the new SecureConnect Remote Operator allows remote operation of the SecureConnect unit further strengthening Personnel Safety.
CENTERLINE 2100 Safety Portfolio

R-Frame CB with ArcShield

Insulated Bus

Device Limited ArcShield

100ms Duration Rated ArcShield

Secure Connect

Secure Connect Remote Operator

Maintenance Mode Trip Unit

Network STO for PowerFlex 755

IntelliCENTER

Innovative "Insulated Bus" with ArcShield for enhanced safety.

Device Limited ArcShield for improved arc-flash protection.

100ms Duration Rated ArcShield for quick and reliable protection.

Secure Connect ensures secure and reliable connections.

Secure Connect Remote Operator for remote maintenance.

Maintenance Mode Trip Unit for safe maintenance operations.

Network STO for PowerFlex 755 for network-based safety solutions.

IntelliCENTER for comprehensive safety management.

Innovative "Insulated Bus" with ArcShield for enhanced safety.