**Overview**

Worldwide, the MCS Mounting System has become the standard for modern and efficient power distribution for industrial control applications. The Allen-Bradley® 141A Mounting System is used in motor control and protection, power distribution and engineered system solutions. The 141A Mounting System provides all of the components, assemblies, software configuration and analysis tools to increase panel design efficiency and reduce overall costs. Rockwell Automation customers have realized up to 40% reduction in panel space requirements and 30% reduction in panel wiring and assembly time! This means higher density controller layouts which improve cost competitiveness. The MCS Mounting System is a global solution, meeting IEC and UL508A requirements for feeder and branch circuits.

**Benefits**

- **Mounting System Capacity**
  - IEC: 200...1700 A Busbar
  - UL: 200...1400 A Busbar
- **Ideal for Industrial Control Applications:**
  - Motor Control & Protection
  - Power Distribution
  - Engineered Systems
- **Design Efficiency and Cost Savings**
  - Reduced wiring time for power circuits
  - Reduced wiring time for motor starters
  - Reduced wiring components
  - Reduced assembly time
  - Reduced panel space requirements
  - Reduced downtime for end user
- **Circuit Breaker or Fuse Solutions**
  - Main feeder
  - Load feeder
  - Branch circuit protection
- **High Fault Short Circuit System Ratings**
  - 65 kA, 400/480V with circuit breakers
  - 100 kA, 600V with fuses
- **Complimentary Design and Analysis Tools**
  - MCS™ Star Configuration Software
  - Temperature Rise Calculation Software (TRCS)
Flange or Rotary Operating Mechanism

Circuit Breaker & Fused Load-feeders

Mounting Modules

Supplies Modules

Busbar Supports

Terminals

Busbar Connectors

Busbar

Meets UL 508A Feeder Spacings

3P
4P
3P+N
3P+G
G

Mounting System Solution

Rev 3

Layout 1

6/29/10 11:59 AM

Page 3
Design and Analysis Software Tools

MCS Star Configuration Software

Temperature Rise Calculation Software (TRCS)

Line-to-Load

POWER SOLUTIONS

www.rockwellautomation.com