

# PRODUCT PROFILE

## 141A MCS MOUNTING SYSTEM – SERIES B

Allen-Bradley's 141A MCS mounting system has undergone minor changes to comply with UL508A requirements for components used in feeder circuits.

UL508A requires that for feeder circuits, 251V – 600V, spacing between uninsulated live parts maintain 1" clearance through air, 2" over surface and 1" to grounded metal parts.

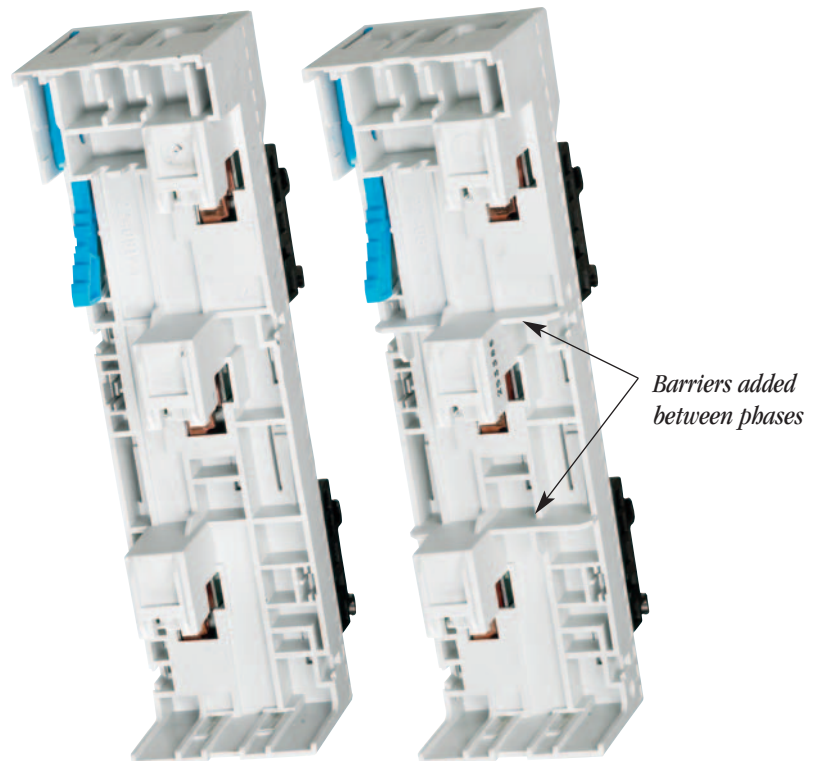
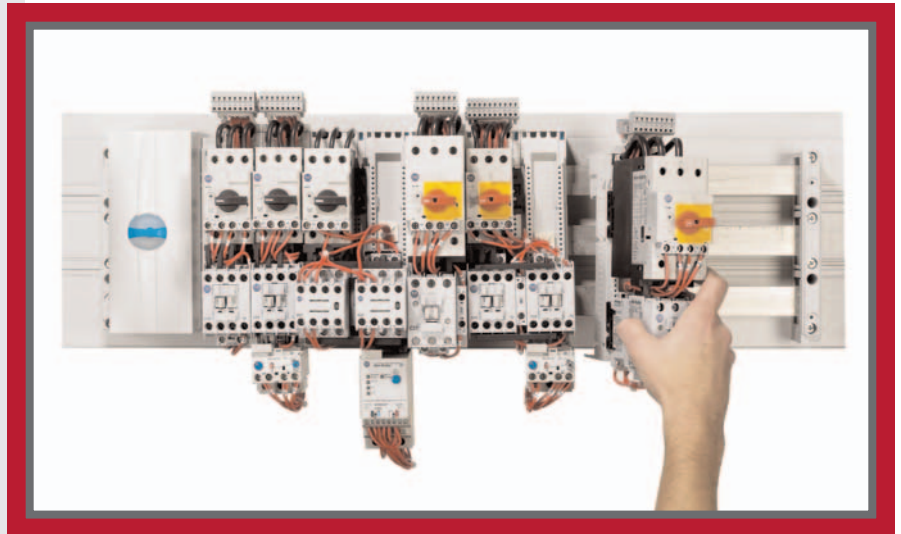
This is much larger than the spacing requirements for branch circuits which require 3/8" clearance through air, 1/2" over surface and 1/2" to grounded metal parts.

Therefore, changes have been made to all of our busbar modules, supply modules and circuit breaker modules to comply with the feeder circuit spacings.

### BENEFITS:

- Tested and approved busbar systems for use in feeder circuits
- Factory assembled 103S/107S two-component starters save on installation costs
- Factory assembled 103T/107T three-component starters allow for more advanced overload protection

## NOW MEETS UL508A FEEDER CIRCUIT SPACINGS



Series A

Series B

141A Standard Busbar Module



**MCS**  
PLUS

LISTEN.  
THINK.  
SOLVE.™

## 141A SERIES B PRODUCTS AFFECTED:

### Standard Busbar Modules

- 141A-FM\*\*, 141A-FS\*\*
- 141A-GM\*\*, 141A-GS\*\*

### ISO Busbar Modules

- 141A-SM\*\*, 141A-SS\*\*

### Busbar Support and End Cover

- 141A-TU3 Busbar Support (new part, replaces 141A-TR3 for UL508A feeder circuit applications)
  - New universal busbar support fits 12, 20 or 30 mm x 5 or 10 mm busbar
- 141A-TR3E End Cover (fits on both 141A-TU3 and 141A-TR3 busbar supports)

### Supply Modules

- 141A-VN3120, 141A-VN370

### Circuit Breaker Modules

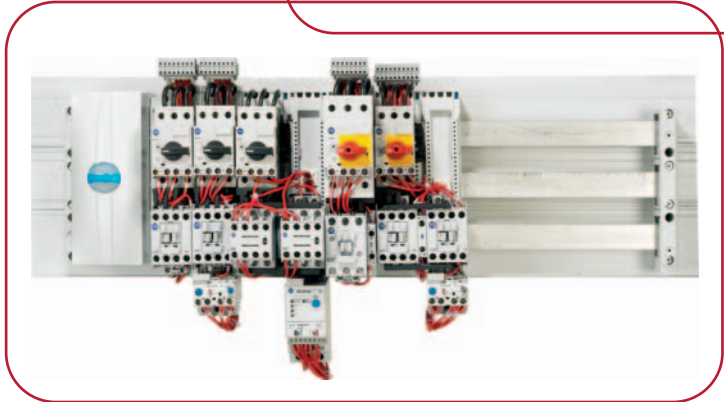
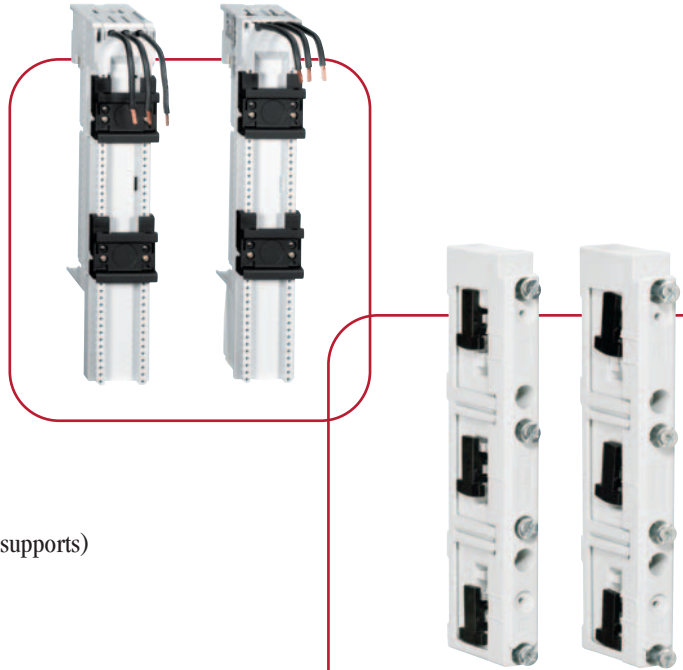
- 141A-CUJ250 (for 140U/140M J-frame CB)
- 141A-CUL600 (for 140U/140M L-frame CB)

### Class J Fuse Base

- 141A-NEJ100, 141A-NEJ200, 141A-NEJ200

### Busbar Shroud (for isolating busbar rack from panel)

- 141A-BCR Busbar Shroud (new part, required for UL508A feeder circuit applications)



[www.rockwellautomation.com](http://www.rockwellautomation.com)

### Power, Control and Information Solutions Headquarters

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444

Europe/Middle East/Africa: Rockwell Automation, Vorstlaan/Boulevard du Souverain 36, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640

Asia Pacific: Rockwell Automation, Level 14, Core F, Cyberport 3, 100 Cyberport Road, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846