

# UL1077/508 Busbar System



## UL508 Listed Busbars

The Busbar System is an innovative way to jumper up to 57 poles of Manual Motor Controllers (MMC) and Supplementary Protectors (SP).

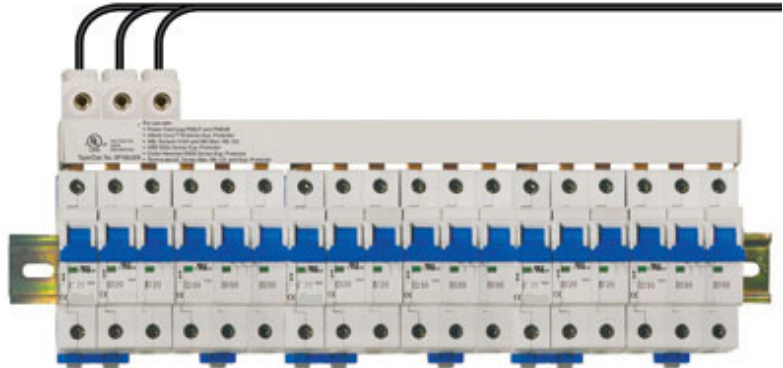
The advantages of this busbar system are:

- 30% Installation time savings
- Panel space savings
- Reduced maintenance
- High electrical ratings

Without Busbar System



With Busbar System



**Universal UL1077/508 Busbar fits most Supplementary Protectors and Manual Motor Controllers in the market!**

*Please contact for details and further information.*

## UL1077/508 Busbar System

- 1-57 different pin configurations
- 1/2 pole spacing (auxiliary switch) available
- Power Feeding:  
Power Feed Lugs (115A), Direct Power Feed (115A), Power Feed Block (200A)
- UL recognized and listed for Altech's R-Series, V-EA Series and MA Series of Manual Motor Controllers and Supplementary Protectors
- UL recognized and listed for use with most popular UL1077 supplementary protectors and UL508 Manual Motor Controllers in the market.
- Customers can cut the Busbar without losing the UL approval
- Line/Load reversible

### Technical Specifications

### Busbars UL1077/ 508

<b>Material of Busbar</b>	Copper
<b>Material of Insulation (Housing)</b>	Polyamid
<b>Electrical Ratings</b>	18mm <sup>2</sup> : 80A/480VAC 25mm <sup>2</sup> : 100A/480VAC
<b>Short Circuit Withstand Rating</b>	10kA
<b>Applying Standards</b>	UL508, VDE0660 Part 100 and 502, VDE 0606, VDE 0659















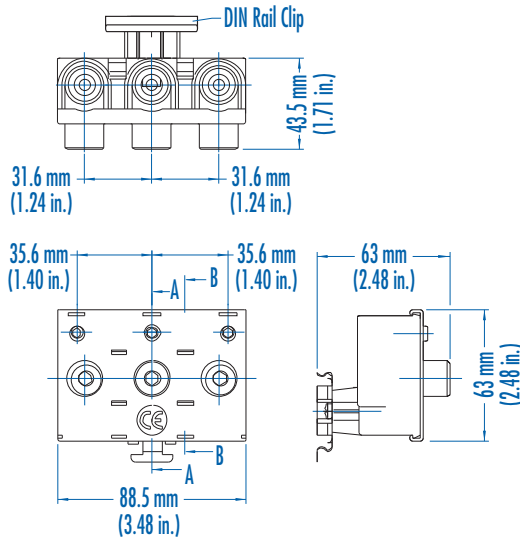


## Power Feed Block

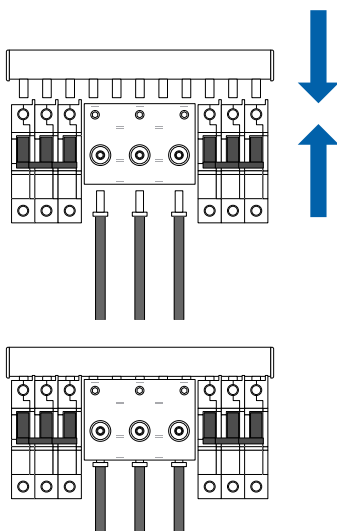


<b>Type/Cat. No.</b>	<b>P95UB</b>
<b>Electrical Ratings</b>	200A/ 480VAC
<b>Terminal Site Acceptability</b>	1-4/0 AWG (50-120mm <sup>2</sup> )
<b>Recommended/ Required Torque</b>	19.5Nm (175lb. in.)
<b>Material of Lug/ Terminal</b>	Brass
<b>Insulation Material</b>	Polyamid
<b>For use with</b>	UL1077/508 18 and 25mm <sup>2</sup> 3 phase busbars (standard spacing only)

## Dimensions



## Assembly Instructions



## Miscellaneous Accessories

### End Caps



**Type/Cat. No:** 18/25CAP3P  
**For use with:** 18/25mm<sup>2</sup> 2&3 phase Busbar

### Insulation Caps



**Type/Cat. No:** BRS5 (5 per strip)  
**For use with:** 18/25mm<sup>2</sup> 1-3 phase Busbar

NOTE: The Power Feed Block uses the space of 5 Pins of the standard spacing Busbar (see drawing below). Phase 1 connects to Pin 1, Phase 2 to Pin 3 and Phase 3 to Pin 5. Pin 2 and 4 are not in use. Pin 6 should be covered with an insulation cap if phase sequence stays the same. Therefore, the Power Feed Block covers 6 pins to connect to the three phases.

