

# **BUS BAR SYSTEM**

### **POWR-BAR Distribution**





### **Description**

A key objective for panel designers is safe distribution of power to multiple fuse holders in a compact design. The Littelfuse UL 508 Listed bus bar system eliminates most wire terminations in a timesaving package. A power distribution block and associated conductors are no longer needed to feed multiple POWR-SAFE fuse holders.

### Features/Benefits

- Touch-safe design offers protection when replacing fuses
- · Compact design
- 35 mm DIN Rail Mountable
- Available in one and three phase configurations
- No fuse pullers or tools required for fuse removal
- Can be cut down to optimal size

#### **Recommended Fuse Holders**

LFPSM / LFPSC / LPSM / LPSC (600 V)) LPHV / LFPHV (1000 V)

## **Web Resources**

Download technical information: littelfuse.com/busbar

# **Specifications**

**Voltage Ratings** 600 VAC/DC 1000 VDC\*

#### **Current Ratings**

| CROSS SECTION (mm <sup>2</sup> ) | 18 mm <sup>2</sup> | 25 mm <sup>2</sup> |
|----------------------------------|--------------------|--------------------|
| END FED                          | 80 A               | 100 A              |
| CENTER FED                       | 160 A              | 200 A              |
|                                  |                    |                    |

 SCCR
 10 kA, 100 kA†

 Conductor
 Copper

 Pitch
 17.8 mm

ApprovalsUL 508 Listed (File E328654)EnvironmentalRoHS Compliant, Lead (Pb) free

# **Ordering Information**

| _                  |          |        |                             |       |        |
|--------------------|----------|--------|-----------------------------|-------|--------|
| 1 PHASE            | , 18 mm² | LENGTH | 1 PHASE, 25 mm <sup>2</sup> |       | LENGTH |
| ORDERING<br>NUMBER | PHILES   | , ,    | ORDERING<br>NUMBER          | POLES | (mm)   |
| 1PH3P18mi          | m 3      | 50     | 1PH3P25mm                   | 3     | 50     |
| 1PH4P18mi          | m 4      | 79     | 1PH4P25mm                   | 4     | 79     |
| 1PH6P18mi          | m 6      | 104    | 1PH6P25mm                   | 6     | 104    |
| 1PH9P18mi          | m 9      | 155    | 1PH9P25mm                   | 9     | 155    |
| 1PH12P18m          | m 12     | 208    | 1PH12P25mm                  | 12    | 208    |
| 1PH15P18m          | m 15     | 270    | 1PH15P25mm                  | 15    | 270    |
| 1PH57P18m          | m 57     | 1009   | 1PH57P25mm                  | 57    | 1009   |

| 3 PHASE, 18 n      | nm²   | LENGTH | 3 PHASE, 25 mm <sup>2</sup> |       | LENGTH |
|--------------------|-------|--------|-----------------------------|-------|--------|
| ORDERING<br>NUMBER | POLES | (mm)   | ORDERING<br>NUMBER          | POLES | (mm)   |
| 3PH6P18mm          | 6     | 104    | 3PH6P25mm                   | 6     | 104    |
| 3PH9P18mm          | 9     | 158    | 3PH9P25mm                   | 9     | 158    |
| 3PH12P18mm         | 12    | 214    | 3PH12P25mm                  | 12    | 214    |
| 3PH15P18mm         | 15    | 266    | 3PH15P25mm                  | 15    | 266    |
| 3PH57P18mm         | 57    | 1009   | 3PH57P25mm                  | 57    | 1009   |

Endcaps are standard with all 3 phase configurations except 57-pole. Endcaps are not needed for the 1 phase configurations from the factory or if the copper bus is trimmed per the supplied instructions. Power feed lugs and protective covers are extra.

### **Accessories**

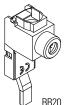
### **Power Feed Lug**

| PART<br>NUMBER | AMP<br>RATING | VOLTAGE<br>(AC/DC) | WIRE RANGE    | WIRE<br>TYPE | TORQUE   |
|----------------|---------------|--------------------|---------------|--------------|----------|
| BB17           | 115           | 1000               | #10 - 1/0 AWG | CU           | 50 lb-in |
| BB18           | 115           | 1000               | #10 - 1/0 AWG | CU           | 50 lb-in |
| BB19           | 115           | 1000               | #10 - 1/0 AWG | CU           | 50 lb-in |
| BB20           | 115           | 1000               | #10 - 1/0 AWG | CU           | 50 lb-in |









**Endcaps** 

| •              |        |          |
|----------------|--------|----------|
| PART<br>NUMBER | PHASE  | QUANTITY |
| EDCP42         | Single | 50       |
| EDCP7          | Three  | 50       |





#### **Pole Protective Covers**

| PART<br>NUMBER | QUANTITY |
|----------------|----------|
| CTPT5          | 5        |



<sup>\*1</sup> Phase 18 mm<sup>2</sup> rated 1000 VDC up to 160 A when center fed

<sup>1</sup> Phase 25 mm<sup>2</sup> rated 1000 VDC up to 200 A when center fed

<sup>&</sup>lt;sup>†</sup>When protected directly upstream by Class J 175 amperes max (18 mm<sup>2</sup> bus bar) and Class J 200 amperes max (25 mm<sup>2</sup> bus bar).