

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 (1000 V)

Web Resources

Download technical information: littelfuse.com/busbar

Specifications

Voltage Ratings 600 VAC/DC
1000 VDC*

Current Ratings

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

SCCR 10 kA, 100 kA[†]
Conductor Copper
Pitch 17.8 mm
Approvals UL 508 Listed (File E328654)
Environmental RoHS Compliant, Lead (Pb) free

* 1 Phase 18 mm² rated 1000 VDC up to 160 A when center fed
 1 Phase 25 mm² rated 1000 VDC up to 200 A when center fed
[†] When protected directly upstream by Class J 175 amperes max (18 mm² bus bar) and Class J 200 amperes max (25 mm² bus bar).

Ordering Information

| 1 PHASE, 18 mm ² | | | 1 PHASE, 25 mm ² | | |
|-----------------------------|-------|-------------|-----------------------------|-------|-------------|
| ORDERING NUMBER | POLES | LENGTH (mm) | ORDERING NUMBER | POLES | LENGTH (mm) |
| 1PH3P18mm | 3 | 50 | 1PH3P25mm | 3 | 50 |
| 1PH4P18mm | 4 | 79 | 1PH4P25mm | 4 | 79 |
| 1PH6P18mm | 6 | 104 | 1PH6P25mm | 6 | 104 |
| 1PH9P18mm | 9 | 155 | 1PH9P25mm | 9 | 155 |
| 1PH12P18mm | 12 | 208 | 1PH12P25mm | 12 | 208 |
| 1PH15P18mm | 15 | 270 | 1PH15P25mm | 15 | 270 |
| 1PH57P18mm | 57 | 1009 | 1PH57P25mm | 57 | 1009 |

| 3 PHASE, 18 mm ² | | | 3 PHASE, 25 mm ² | | |
|-----------------------------|-------|-------------|-----------------------------|-------|-------------|
| ORDERING NUMBER | POLES | LENGTH (mm) | ORDERING NUMBER | POLES | LENGTH (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 NUMBER | AMP RATING | VOLTAGE (AC / DC) | WIRE RANGE | WIRE 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 NUMBER | PHASE | QUANTITY |
|-------------|--------|----------|
| EDCP42 | Single | 50 |
| EDCP7 | Three | 50 |



Pole Protective Covers

| PART NUMBER | QUANTITY |
|-------------|----------|
| CTPT5 | 5 |

