

BUS BAR SYSTEM

POWR Distribution



Description

A key objective for panel designers is safe distribution of power to multiple fuseholders in a compact design. The Littelfuse UL508 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 fuseholders.

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
- RoHS Compliant and Pb free
- Can be cut down to optimal size

Recommended Fuseholders

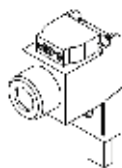
LPSM (600 V)
LPSC (600 V)
LPHV (1000 V)

Web Resources

Downloadable CAD drawings and other technical information:
www.littelfuse.com/busbar

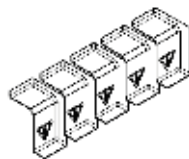
Accessories

Power Feed Lug



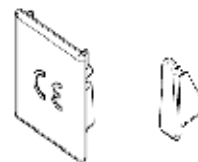
Part Number: BB18
Ampere Rating: 115 A
Wire: #10 – 1/0 AWG copper
Torque: 50 lb-in

Pole Protective Covers



Part Number: CTPT5
5 covers

Endcaps



Part Number: EDCP42 for Single Phase 50 piece bag
Part Number: EDCP7 for Three Phase 50 piece bag

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: UL508 File E328654
Environmentals: RoHS Compliant and 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		
SYSTEM NUMBER	POLES	LENGTH (mm)	SYSTEM NUMBER	POLES	LENGTH (mm)
1PH3P18mm	3	50	1PH3P25mm	3	50
1PH6P18mm	6	104	1PH6P25mm	6	104
1PH9P18mm	9	155	1PH9P25mm	9	155
1PH12P18mm	12	208	1PH12P25mm	12	208
1PH15P18mm	15	270	1PH15P25	15	270
1PH57P18mm	57	1009	1PH57P25mm	57	1009

3 PHASE, 18 mm ²			3 PHASE, 25 mm ²		
SYSTEM NUMBER	POLES	LENGTH (mm)	SYSTEM 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

End caps are standard with all 3 phase configurations except 57-pole meter length. End caps aren't 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.