Power Distribution Fuse Block

Save space, time and money with the new power distribution fuse block

Innovative power distribution fuse block uses 50% less panel space and reduces installation time and labor by 33%.

Product description:

New Class J fuse block features power distribution capability.

This patented design simplifies your panel layout and uses up to 50% less panel space. Additionally, it lowers inventory costs while reducing installation time and labor by 33%.

Furthermore, this design uses fewer wire connections, reducing watts loss and overall operating temperature when compared with traditional fuse block/ power distribution block solutions.

Features and benefits:

- Combination power distribution block and fuse block reduces wire connections and total panel components, using 50% less panel space and reducing installation time and labor by 33%.
- A 200kA withstand rating helps achieve a higher assembly short-circuit current rating (SCCR) for compliance with NEC® sections 110.10, 409.110(4), 409.22, 440.4(B), 670.3(A)(4) and 670.5.
- Optional see-through cover enhances safety with IP20 finger-safe protection, lockout/ tagout capability and open circuit indication.

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Fuse class:
- Class J

Ratings:
Volts – 600V
Amps – 70-400A
Withstand – 200kA sym RMS

Agency information:
- Blocks:
  -UL – Recognized E14853 – IZLT2
  -CSA – Certified 47235 – 6225-01
- Covers:
  -UL – Listed UL E58836 – JDVS2

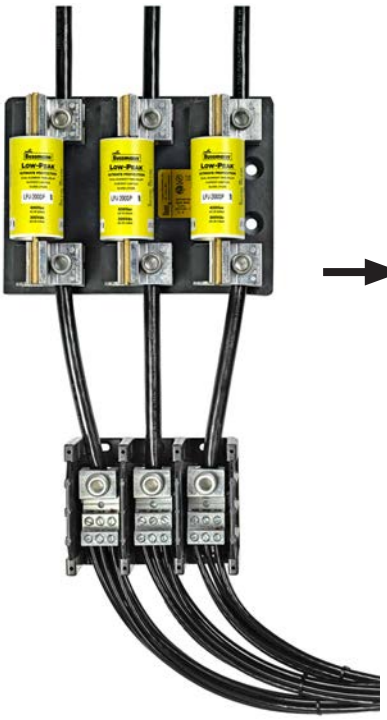
Flammability ratings:
- Blocks:
  -UL 94V0, self-extinguishing
- Covers:
  -UL 94HB, self-extinguishing

Operating and storage temperature range:
- Blocks:
  -40°C to 120°C
- Covers:
  -Non-indicating covers
  -40°C to 120°C
  -Indicating covers
  -20°C to 90°C

Materials:
- Base –Thermoplastic
- Terminals –Tin-plated aluminum

Wire:
- Cu/Al – 75°C

Traditional solution



Smaller footprint
Uses up to 50% less panel space

Less wire
Eliminates wire run from fuse block to power distribution block, reducing material costs

Reduces labor costs
33% less labor speeds installation and saves money

Lowers inventory costs
Reduces customer SKU count

Simplifies panel design
High withstand rating and fewer components makes high assembly SCCR easier to achieve

Enhanced Safety
Optional IP20 finger-safe covers

Lower heat rise
Reduced watts loss results in a lower overall enclosure operating temperature

Power distribution fuse block

Notes:
1. Traditional solution and power distribution fuse block shown to scale.
2. Power distribution fuse block shown with optional covers.
3. Fuses are sold separately.

Part No.	Optional Covers	Voltage (V)	Fuse Range (A)	Poles	Lineside	Loadside
JM60100-1MW14	CVR-J-60100-M CVRI-J-60100-M*	600	70-100	1	(1) 1/0 - 14 AWG Cu/Al	(4) 4-14 AWG Cu, 4-8 AWG Al (8)** 10-14 AWG Cu
JM60100-2MW14				2		
JM60100-3MW14				3		
JM60200-1MW16	CVR-J-60200-M CVRI-J-60200-M*	600	110-200	1	(1) 250MCM - 6 AWG Cu/Al	(6) 4 - 14 AWG Cu, 4-8 AWG Al (12)** 10-14 AWG Cu
JM60200-2MW16				2		
JM60200-3MW16				3		
JM60400-1MW16	CVR-J-60400-M CVRI-J-60400-M*	600	225-400	1	(1) 600MCM - 4 AWG Cu/Al	(6) 2 - 14 AWG Cu, 2-8 AWG Al (12)** 8-14 AWG Cu, 8 AWG Al
JM60400-2MW16				2		
JM60400-3MW16				3		
JM60400-1MW26†	CVR-J-60400-M CVRI-J-60400-M*	600	225-400	1	(2) 350kcmil - 6 AWG Cu/Al	(6) 2 - 14 AWG Cu, 2-8 AWG Al (12)** 8-14 AWG Cu, 8 AWG Al
JM60400-2MW26†				2		
JM60400-3MW26†				3		

*With open fuse indication

**Dual wire rated lugs with same wire size.

†Lineside dual box lug

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