Class J power distribution fuse blocks

BUSSMANN SERIES

Save up to 50% panel space, while reducing installation time and costs

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

RoHS

Product description:

Eaton's Bussmann® series 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 and fuse block reduces wire connections and total panel components.
- A 200kA withstand rating helps achieve a higher equipment 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 covers enhance safety with IP20 finger-safe protection, lockout/ tagout capability and optional open circuit indication.

Bussmann series power distribution fuse blocks are also available in preassembled 1-, 2- and 3-pole versions.

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Specifications

Fuse class:

- Class J

Ratings:

- Volts
  - 600V
- Amps
  - 70-400A
- Withstand
  - 200kA RMS Sym.

Agency information:

- Blocks
  - UL® – Listed E14853 – IZLT
  - CSA® – Certified 47235 – 6225-01
  - RoHS compliant
- Covers
  - UL Listed UL E58836 – JDVS2
  - RoHS compliant

Flammability ratings:

- Blocks
  - UL 94V0, self-extinguishing
- Covers
  - UL 94HB, self-extinguishing

Materials:

- Base
  - Thermoplastic
- Terminals
  - Tin-plated aluminum

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

Wire:

- 75°C Cu/Al

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
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 equipment 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 solution

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

Part number	Optional covers	Voltage (V)	Fuse range (A)	Poles	Lineside	Loadside
JM60100-1MW14 JM60100-2MW14 JM60100-3MW14	CVR-J-60100-M CVRI-J-60100-M*	600	70-100	1 2 3	(1) 1/0 - 14 AWG Cu/Al	(4) 4-14 AWG Cu, 4-8 AWG Al (8)** 10-14 AWG Cu
JM60200-1MW16 JM60200-2MW16 JM60200-3MW16	CVR-J-60200-M CVRI-J-60200-M*	600	110-200	1 2 3	(1) 250MCM - 6 AWG Cu/Al	(6) 4 - 14 AWG Cu, 4-8 AWG Al (12)** 10-14 AWG Cu
JM60400-1MW16 JM60400-2MW16 JM60400-3MW16	CVR-J-60400-M CVRI-J-60400-M*	600	225-400	1 2 3	(1) 600MCM - 4 AWG Cu/Al	(6) 2 - 14 AWG Cu, 2-8 AWG Al (12)** 8-14 AWG Cu, 8 AWG Al
JM60400-1MW26† JM60400-2MW26† JM60400-3MW26†					(2) 350kcmil - 6 AWG Cu/Al	

*With open fuse indication. **Dual wire rated lugs with same wire size. †Lineside dual box lug.

See data sheet No. 10192 for more infomation.

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