

JM modular Class J power distribution fuse blocks

The patented Class J power distribution fuse blocks use fewer wire connections to reduce watts loss and overall operating temperature of the panel, while simplifying panel layout. Available in ratings up to 400 amps, they use up to 65 percent less panel space while lowering inventory costs, and reducing installation time and labor by an average of 33 percent.

All blocks are equipped with a fuse clip reinforcing spring to minimize temperature rise while maintaining reliable surface contact between the fuse and clip over the block's service life.

Available as snap-together one-pole units for toolless assembly of multiple poles at point of use or factory configured 2- and 3-pole units to meet popular stocking requirements.

The high 200 kA SCCR 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.

30 and 60 amp blocks feature DIN-Rail and panel mount versatility, while 100 to 400 amp blocks are panel mount.

All blocks are available with optional see-through cover to enhance safety with IP20 finger-safe protection, lockout/tagout capability and open circuit indication. See catalog number tables for details.

Ratings

- Volts 600 V
- Amps up to 400 A
- SCCR 200 kA Sym. RMS



30 and 60 amp blocks.



100, 200 and 400 amp blocks.



Agency information

- Blocks; UL Listed, Guide IZLT, File E14853, CSA Certified 47235 — 6225-01
- Covers; UL Listed, Guide JDVS, File E58836
- RoHS compliant

Poles

- 1-, 2-, 3-pole
- Single-pole units snap together to create desired number of poles

Mounting

- 30 and 60 amp blocks DIN-Rail and panel mount
- 100, 200 and 400 amp blocks panel mount only

Flammability ratings

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

Operating and storage temperature range

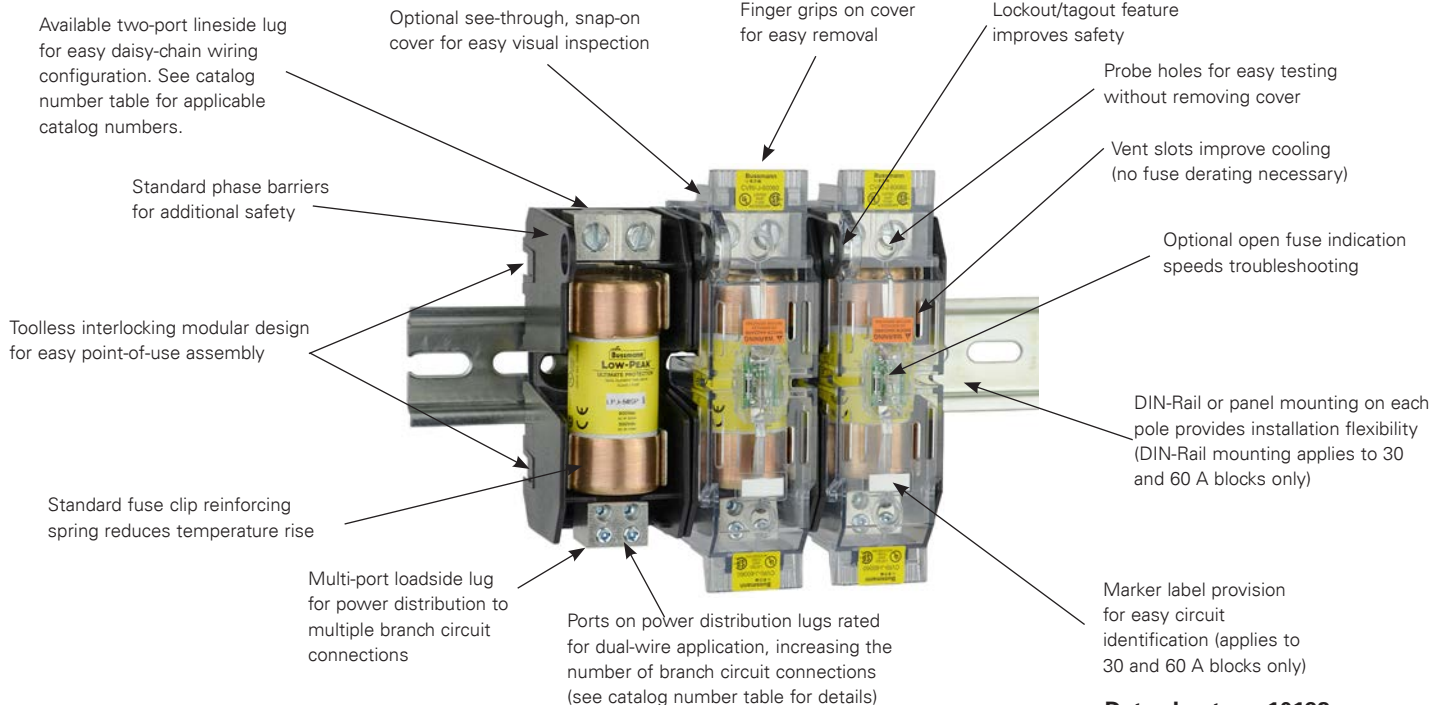
- Blocks, -40°C to +120°C
- Covers; non-indicating -40°C to +120°C, indicating -20°C to +90°C

Conductors

- 75/90°C Cu/Al (unless otherwise noted)

Accessories

- IP20 finger-safe covers in indicating and non-indicating versions. Order one for each pole.
- DIN-Rail end stops for blocks rated up to 60 amps, catalog numbers BRKT-ND or BRKT-NDSCRW2



Data sheet no. 10192

Catalog no.	Optional covers*	Fuse amp range	Lineside (conductors per port)				Loadside (conductors per port)					
			Poles	Conductors	Ports/ pole	Torque AWG	N-m (lb-in)	Conductors	Ports/ pole	Torque AWG	N-m (lb-in)	
JM60030-1MW14	N/A	Up to 30	1	Cu 2-14 Al 2-8	1	2-3	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)	
JM60030-2MW14			2			4-6	5.1 (45)			Cu (1) 10-14	2.8 (25)	
JM60030-3MW14			3			8	4.5 (40)			Cu (2) 12-14	3.4 (30)	
						10-14	4.0 (35)			Al (1) 8-10	3.4 (30)	
JM60060-1MW12†	CVR-J-60060 CVRI-J-60060**	35 - 60	1	Cu 2-14 Al 2-8	2	2-4	5.6 (50)	Cu 2-14 Al 2-8	1	2-3	5.6 (50)	
JM60060-2MW12†			2			6-10	4.5 (40)			4-6	5.1 (45)	
JM60060-3MW12†			3			12-14	1.7 (15)			8	4.5 (40)	
						10-14	4.0 (35)			10-14	4.0 (35)	
JM60060-1MW14†			1	1	2-3	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)		
JM60060-2MW14†				2	4-6	5.1 (45)			Cu (1) 10-14	2.8 (25)		
JM60060-3MW14†				3	8	4.5 (40)			Cu (2) 12-14	3.4 (30)		
					10-14	4.0 (35)			Al (1) 8-10	3.4 (30)		
JM60060-1MW24			2	1	2-4	5.6 (50)	Cu (1) 8-14 Cu (2) 12-14*** Al (1) 8 Str Al (1) 10 Sol	4	Cu (1) 8	3.4 (30)		
JM60060-2MW24				2	6-10	4.5 (40)			Cu (1) 10-14	2.8 (25)		
JM60060-3MW24				3	12-14	1.7 (15)			Cu (2) 12-14	3.4 (30)		
									Al (1) 8-10	3.4 (30)		
JM60100-1MW14	CVR-J-60100-M CVRI-J-60100-M**	70 - 100	1	Cu 1/0-14 Al 1/0-12	1	1/0-3; Cu (2) 4-6	5.6 (50)	Cu (1) 4-14 Al (1) 4-8 Cu (2) 10-14***	4	4-6	4.0 (35)	
JM60100-2MW14			2			4-6; Cu (2) 8	5.0 (45)			8	2.8 (25)	
JM60100-3MW14			3			8; Cu (2) 10-14	4.5 (40)			Cu 10-14	2.3 (20)	
						10-14	4.0 (35)			(2) 10-14	3.4 (30)	
JM60200-1MW16	CVR-J-60200-M CVRI-J-60200-M**	110-200	1	Cu/Al (1) 250kcmil-6 Cu (2) 2-6	1	250kcmil-1	42 (375)	Cu (1) 4-14 Al (1) 4-8 Cu (2) 10-14***	6	4-6	4.0 (35)	
JM60200-2MW16			2							8	2.8 (25)	
JM60200-3MW16			3			2-6	31 (275)			10-14	2.3 (20)	
										(2) 10-14	3.4 (30)	
JM60400-1MW16	CVR-J-60400-M CVRI-J-60400-M**	225-400	1	Cu/Al (1) 600kcmil-4 Cu/Al (2) 3/0-4	1	600kcmil	57 (500)	Cu (1) 2-14 Al (1) 2-8 Cu (2) 8-14***	6	2-3	5.6 (50)	
JM60400-2MW16			2			500kcmil-4	51 (450)			8	4.5 (40)	
JM60400-3MW16			3			Cu (2) 3/0-4 Al (2) (3/0-4	57 (500) 34 (300)			10-14	4.0 (35)	
										(2) 10-14	4.5 (40)	
JM60400-1MW26			2	1	Cu/Al 350kcmil-6	2	350kcmil-1	42 (375)	Cu (1) 2-14 Al (1) 2-8 Cu (2) 8-14***	6	2-3	5.6 (50)
JM60400-2MW26				2							4-6	5.0 (45)
JM60400-3MW26				3							8	4.5 (40)
											(2) 8	4.5 (40)
	10-14	4.0 (35)										
					2-6	31 (275)			(2) 10-14	4.5 (40)		

* Order one cover per pole.

** With open fuse indication. 90 V minimum and closed circuit required for illumination.

***Dual wire rated lugs with same wire size and stranding.

† Rated for 75°C Cu/Al conductors. Conductors with higher ratings may be used with appropriate derating.