

RM modular 250 V and 600 V Class R fuse blocks

Class R modular fuse blocks enhance safety for any panel or electrical system design and are available for the full Class R fuse amp range.

All blocks are available as snap-together single-pole versions for toolless assembly of multiple poles at point of use, or as factory configured 2-, and 3-pole versions to meet stocking requirements.

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.

30 and 60 amp ferrule fuse blocks save panel space with the smallest width dimension on the market and feature DIN-Rail and panel mount versatility.

100 to 600 amp knifeblade fuse blocks feature phase barriers between poles for additional safety with up to four mounting holes per pole to increase installation flexibility. All knifeblade blocks meet UL creep and clearance requirements for Industrial Power Circuits (UL 508 and UL 845), with the 200 to 600 amp blocks meeting the higher UL creep and clearance requirements for Power Distribution Standards (UL 98, UL 67, UL 489, UL 891 and UL 869A).

All blocks are available with optional IP20 finger-safe high clarity, see-through covers for inspecting wire terminations or thermography measurements without removal. All covers enhance safety by featuring probe holes for easier, safer testing and a lockout/tagout capability. These covers also have optional open fuse indication to speed troubleshooting.

Easy circuit identification is available for 30 and 60 amp blocks and covers with universal marker labels.



Ratings

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

Agency information

- Blocks; UL Listed Guide IZLT and IZLT7, File E14853, CSA Certified 47235-6225-01, CE
- Covers; UL Listed Guide JDVS, File E58836, CSA Certified 47235-6225-01 (30 and 60 A)
- RoHS Compliant

Poles

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

Flammability ratings

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

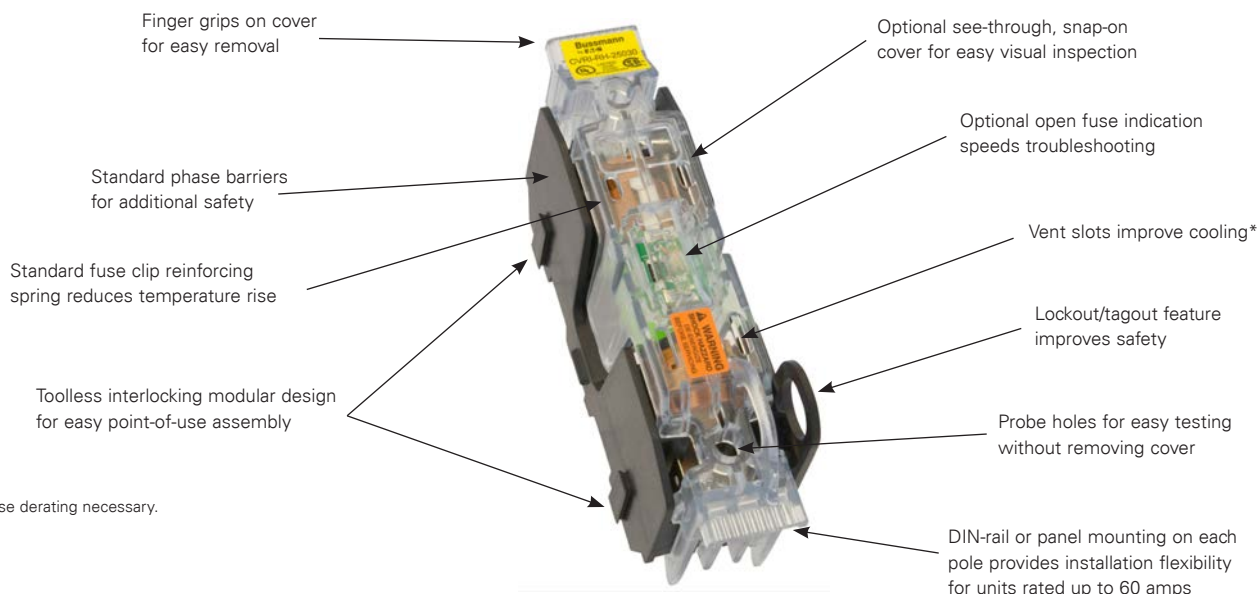
Operating and storage temperature range

- Blocks -40°C to +120°C
- Covers; Non-Indicating -40°C to +120°C, Indicating -20°C to +90°C*

* Indication requires minimum 90 V and closed circuit to illuminate.

Conductors

- See catalog numbers for details and torque specifications



*No fuse derating necessary.

Class R 100 to 600 amp knifeblade blocks and covers

Fuse amp range	Poles	Catalog no.	Optional covers*		Conductors***		Torque N·m (lb-in)
			Non-indicating	Indicating**	Solid and stranded	Fine stranded	
250 volt blocks							
70-100	1	RM25100-1CR	CVR-RH-25100	CVRI-RH-25100	—	Cu 1-3 AWG	6.2 (55)
		1/0-3 AWG; (2) Cu 4-6 AWG			Cu 4-6 AWG	5.6 (50)	
	2	RM25100-2CR			2 4-6 AWG; (2) Cu 8 AWG	Cu 8 AWG	5.1 (45)
		8 AWG; (2) Cu 10-14 AWG			—	4.5 (40)	
		RM25100-3CR			Cu 10-14 AWG; Al 10-12 AWG	—	4.0 (35)
110-200	1	RM25200-1CR	CVR-RH-25200	CVRI-RH-25200	250kcmil-1 AWG	Cu 3/0-1 AWG	42 (375)
	2	RM25200-2CR			2-6 AWG; (2) Cu 2-6 AWG	Cu 2-6 AWG	31 (275)
	3	RM25200-3CR					
225-400	1	RM25400-1CR	CVR-RH-25400	CVRI-RH-25400	600kcmil	N/A	57 (500)
	2	RM25400-2CR			500kcmil-4 AWG		51 (450)
		(2) Cu 3/0 - 4 AWG			57 (500)		
		3			RM25400-3CR		(2) Al 3/0 - 4 AWG
	450-600	1			RM25600-1CR		CVR-RH-25600
2		RM25600-2CR					
3		RM25600-3CR					
600 volt blocks							
70-100	1	RM60100-1CR	CVR-RH-60100	CVRI-RH-60100	—	Cu 1-3 AWG	6.2 (55)
		1/0-3 AWG; (2) Cu 4-6 AWG			Cu 4-6 AWG	5.6 (50)	
	2	RM60100-2CR			2 4-6 AWG; (2) Cu 8 AWG	Cu 8 AWG	5.1 (45)
		8 AWG; (2) Cu 10-14 AWG			—	4.5 (40)	
		3			RM60100-3CR	Cu 10-14 AWG; Al 10-12 AWG	—
110-200	1	RM60200-1CR	CVR-RH-60200	CVRI-RH-60200	250kcmil-1 AWG	Cu 3/0-1 AWG	42 (375)
	2	RM60200-2CR			2-6 AWG; (2) Cu 2-6 AWG	Cu 2-6 AWG	31 (275)
	3	RM60200-3CR					
225-400	1	RM60400-1CR	CVR-RH-60400	CVRI-RH-60400	600kcmil	N/A	57 (500)
	2	RM60400-2CR			500kcmil-4 AWG		51 (450)
		(2) Cu 3/0 - 4 AWG			57 (500)		
		3			RM60400-3CR		(2) Al 3/0 - 4 AWG
	450-600	1			RM60600-1CR		CVR-RH-60600
2		RM60600-2CR					
3		RM60600-3CR					

* Covers sold separately, order one cover per pole.

** Open fuse indication requires 90 volts minimum and closed circuit to operate.

*** Ratings for copper and aluminum conductors except where otherwise noted.

TPN high amp current limiting DC fuses

The TPN fuse is a current-limiting DC power distribution fuse that's dimensionally similar to UL Class R branch circuit fuses making them easy to install using standard RM60_ modular Class R fuse blocks.



Ratings

- Volts 170 Vdc
- Amps 1-600 A
- IR 100 kA

Agency information

- UL Recognized, Guide JFHR2, File E56412

Typical applications

- Telecommunications power circuit protection

Features

- Current-limiting design for DC power distribution systems
- Recognized branch circuit protection
- Complete system coordination capability
- Energy savings with low watts loss, low operating temperatures, and minimum I²t levels

Catalog no. (amps)

TPN-1	TPN-30	TPN-90	TPN-250
TPN-3	TPN-35	TPN-100	TPN-300
TPN-5	TPN-40	TPN-110	TPN-350
TPN-6	TPN-45	TPN-125	TPN-400
TPN-10	TPN-50	TPN-150	TPN-450
TPN-15	TPN-60	TPN-175	TPN-500
TPN-20	TPN-70	TPN-200	TPN-600
TPN-25	TPN-80	TPN-225	

Accessories

- Spare fuse holders:TPSFH-N30 (for TPN 1-30) TPSFH-N60 (for TPN 35-60)

Recommended modular* Class R fuse blocks

Catalog no.	Amps
RM25030-1CR	30
RM25060-1CR	60
RM25100-1CR	100
RM25200-1CR	200
RM25400-1CR	400
RM25600-1CR	600

* Blocks can be snapped together to create the number of required poles. Optional indicating and non-indicating finger-safe covers available for all blocks.

Dimensions — in (mm)

