

# RF/RFS

Class H

## NORTH AMERICAN POWER FUSES

### TRADITIONAL PROTECTION FOR CIRCUITS WITH LESS THAN 10,000A



RF and RFS general purpose fuses are suitable for applications where available short circuit currents do not exceed 10,000 amperes. RF and RFS renewable fuses use matched RL and RLS die-cut zinc links from 1 to 600 amperes in 32 ratings.

#### FEATURES/BENEFITS:

- Knurled bushings for ease of disassembly
- Rugged construction for maximum service life
- Precision die-cut renewal links renew quickly and give repeatable performance

#### SAFETY NOTE:

**Class H fuses of the renewable type shall be permitted to be used only for replacement in existing installations where there is no evidence of overfusing or tampering (NFPA 70, Article 240.60 [D]).**

#### RATINGS:

##### RF

- **Volts:** 250VAC
- **Amps:** 1 to 600A
- **IR:** 10kA I.R. AC

##### RFS

- **Volts:** 600VAC
- **Amps:** 1 to 600A
- **IR:** 10kA I.R. AC

#### HIGHLIGHTS:

- Renewable
- 32 Renewable link ratings

#### APPLICATIONS:

- General purpose loads where short circuits are 10,000 amperes or less

#### APPROVALS:

- UL listed to standard 248-7 File E2137
- CSA certified to standard C22.2 no. 248.7



Shah & Shah Enterprise

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CATALOG NUMBERS (AMPS)

250V			600V		
RF1/RL1	RF45/RL45	RF225/RL225	RFS1/RLS1	RFS45/RLS45	RFS225/RLS225
RF2/RL2	RF50/RL50	RF250/RL250	RFS2/RLS2	RFS50/RLS50	RFS250/RLS250
RF3/RL3	RF60/RL60	RF300/RL300	RFS3/RLS3	RFS60/RLS60	RFS300/RLS300
RF5/RL5	RF70/RL70	RF350/RL350	RFS5/RLS5	RFS70/RLS70	RFS350/RLS350
RF6/RL6	RF80/RL80	RF400/RL400	RFS6/RLS6	RFS80/RLS80	RFS400/RLS400
RF10/RL10	RF90/RL90	RF450/RL450	RFS10/RLS10	RFS90/RLS90	RFS450/RLS450
RF15/RL15	RF100/RL100	RF500/RL500	RFS15/RLS15	RFS100/RLS100	RFS500/RLS500
RF20/RL20	RF110/RL110	RF600/RL600	RFS20/RLS20	RFS110/RLS110	RFS600/RLS600
RF25/RL25	RF125/RL125		RFS25/RLS25	RFS125/RLS125	
RF30/RL30	RF150/RL150		RFS30/RLS30	RFS150/RLS150	
RF35/RL35	RF175/RL175		RFS35/RLS35	RFS175/RLS175	
RF40/RL40	RF200/RL200		RFS40/RLS40	RFS200/RLS200	

Note: Order RF/RFS for Class H Renewable Fuse Order RL/RLS for Renewable Fuse Links

DIMENSIONS

Ampere Rating	A		B		C		D		E	
	in	mm	in	mm	in	mm	in	mm	in	mm
250V-RF Fuses										
0-30	2	51	9/16	14	-	-	-	-	-	-
31-60	3	76	13/16	21	-	-	-	-	-	-
61-100	5-7/8	149	1-1/16	27	1/8	3	3/4	19	1	25
101-200	7-1/8	181	1-9/16	40	3/16	5	1-1/8	28	1-3/8	35
201-400	8-5/8	219	2-1/16	53	1/4	6	1-5/8	41	1-7/8	48
401-600	10-3/8	264	2-9/16	66	1/4	6	2	51	2-1/4	57
600V-RFS Fuses										
0-30	5	127	13/16	21	-	-	-	-	-	-
31-60	5-1/2	139	1-1/16	27	-	-	-	-	-	-
61-100	7-7/8	200	1-5/16	34	1/8	3	3/4	19	1	25
101-200	9-5/8	244	1-13/16	46	3/16	5	1-1/8	28	1-3/8	35
201-400	11-5/8	295	2-9/16	66	1/4	6	1-5/8	41	1-7/8	48
401-600	13-3/8	340	3-1/8	80	1/4	6	2	51	2-1/4	57

RECOMMENDED FUSE BLOCKS WITH BOX CONNECTORS FOR RENEWABLE CLASS H

Ampere Fuse Rating	Catalog Number			
	250V 1-Pole	250V 3-Pole	600V 1-Pole	600V 3-Pole
0-30	20306	20308	60306	60308
31-60	20606	20608	60606	60608
61-100	21036	21038	61036	61038
101-200	22001	22003	62001	62003
201-400	24001	24003	64001	64003
401-600	2631	2633	6631	6633

A variety of pole configurations and termination provisions are available. Refer to Section H for details.

