

# NIT & NS

# HRCII/CANADIAN FUSES



## CANADIAN HRCII FUSES

The Ferraz Shawmut Canadian NIT fuses series has offset contacts with British standard (BS88) dimensions. The NS series has diagonally offset contacts with British standard dimensions. Neither fuse is dimensionally interchangeable with other North American fuses. They are for short-circuit protection only, in motor controllers, for example, where overload protection is provided by an overload relay.

### HIGHLIGHTS:

- BS88 Dimensions

### APPLICATIONS:

- Motor Circuits

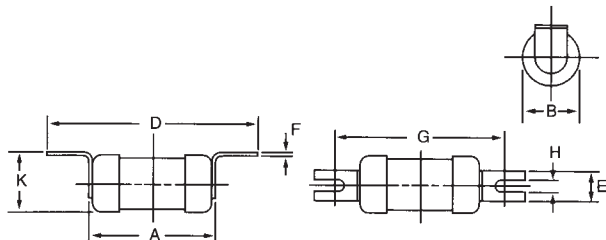
### Ratings

- **NIT**  
**AC:** 2 to 20A  
 550VAC, 80kA I.R.  
**DC:** 2 to 20A  
 250VDC, 40kA I.R.
- **NS**  
**AC:** 2 to 32A  
 440VAC, 80kA I.R.  
**DC:** 2 to 32A  
 250VDC, 40kA I.R.

### Approvals

- HRCII-MISC
- IEC269-2-1

**F**

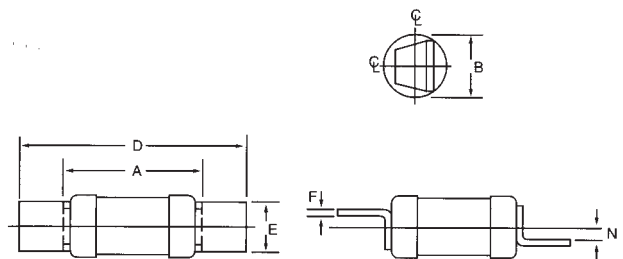


### NIT – Catalog Numbers & Dimensions

AMPERE RATING	CATALOG NUMBER	DIMENSIONS in mm							
		A	B	D	E	F	G	H	K
2	NIT2								
4	NIT4								
6	NIT6	36.5	14.1	55.6	11.1	0.80	44.5	4.70	14.3
10	NIT10								
16	NIT16								
20	NIT20								

### NIT & NS – I<sup>2</sup>t at 80kA

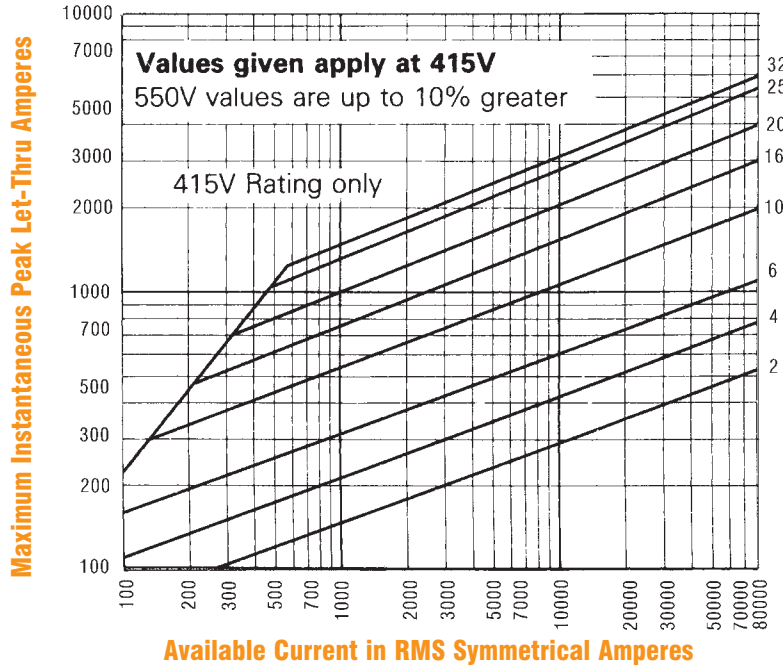
AMPERE NUMBER	PRE-ARC	I <sup>2</sup> t (A <sup>2</sup> Secs.)	
		@ 415V	@ 550V
2	2.2	5.4	31
4	7.2	18	75
6	22	60	400
10	100	280	1000
16	300	850	2000
20	540	1000	2500



### NS – Catalog Numbers & Dimensions

AMPERE RATING	CATALOG NUMBER	DIMENSIONS in mm					
		A	B	D	E	F	N
2	NS2						
4	NS4						
6	NS6						
10	NS10	35.5	14.5	62.0	11.0	0.80	3.60
16	NS16						
20	NS20						
25	NS25						
32	NS32						

### Peak Let-Through Current Data – NIT2-20, NS2-32



### Melting Time - Current Data – NIT2-20, NS2-32

