

FCHFE series 690 Volts aR NH Fuse links



Product description

FCHFE series 690 Volts NH square bodied industrial fuse links are suitable for a wide variety of applications.

Standard features

- Reliable physics indicator system
- Low I^2t values
- Protect Power Semiconductor Devices

690 Volts aR NH Fuse links

Catalogue symbol:

- (amp)NH(size)

Fuse size:

- 000 to 3

Technical data:

- Volts: 690 V a.c.
- Amps: 20 to 630 A
- Breaking capacity: 50 kA AC
- Operating frequency: 50 Hz
- Class of operation: aR

Standards/Approvals:

- IEC 60269-4
- CE

Packaging:

- Size 000 to 00: 5 per inner box
- Size 1 to 3: 3 per inner box

Fuse holders (ordered separately)

- Fuse bases:
 - screw mounting

Size - mm

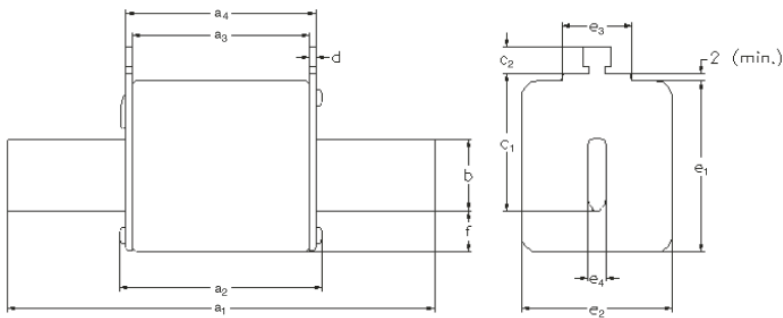
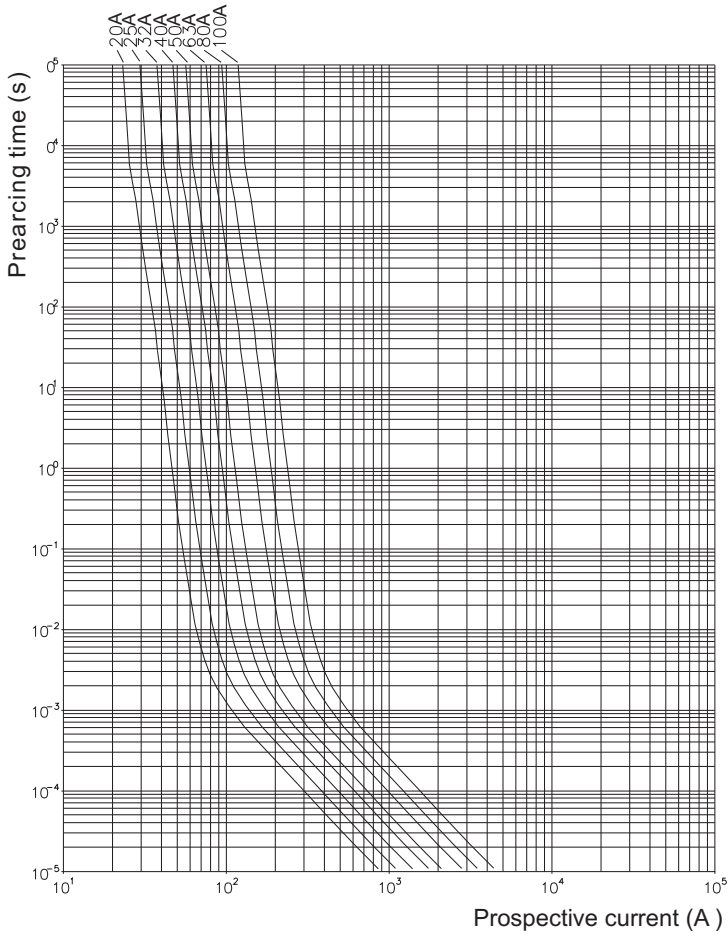


Table 1. NH Sizes

Size	a1	a2 (max)	a3	a4	b	c1	c2	d	e1 (max)	e2 (max)	e3 (max)	e4	f (max)
000	78.5	53	45.4	49.1	15	35	9.5	1.9	43	21	17	6	7.5
00	76.5	52.6	45.7	49.7	15	34.7	10	1.5	44.5	28.5	18	6	13
1	134	71	62	66	20	40	10.2	2	49	48	18.5	6	11.8
2	149	72	62.5	67	25	46.3	10	2.3	58.5	58.5	18	6	14
3	150	71	62	68	32	60.5	10	3	68	68	18	6	15.5

690 Volts aR NH Fuse links

Time-current curves - NH Size 000

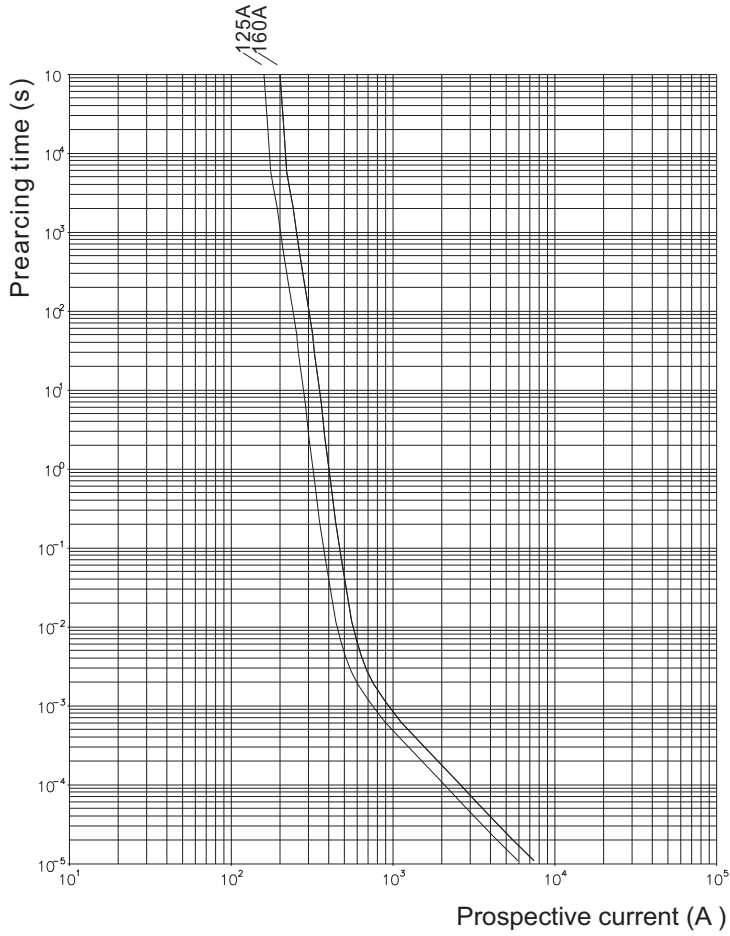


Technical data - NH size 000

Part numbers with metal gripping lugs	Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	I^2t (Amps ² Seconds)	Watts loss	Net weight per fuse (kg)
20NH000		20		117		
25NH000		25		199		
32NH000		32		208		
40NH000	000	40	690	343	≤ 15	0.13
50NH000		50		900		
63NH000		63		2100		
80NH000		80		4100		
100NH000		100		5620		

690Volts aR NH Fuse links

Time-current curves - NH Size 00

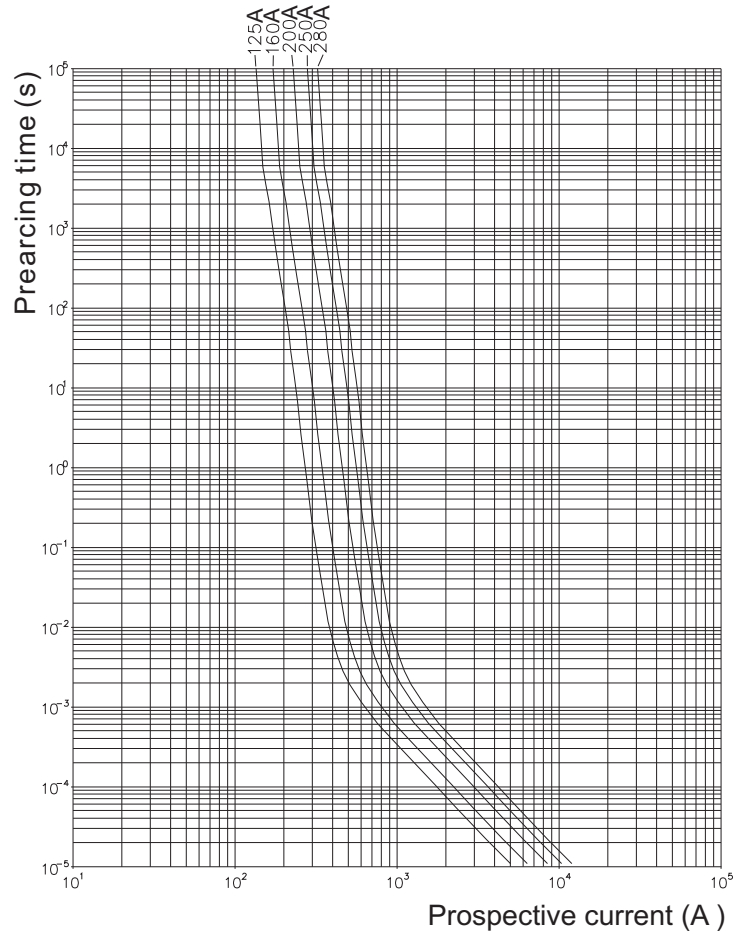


Technical data - NH size 00

Part numbers with metal gripping lugs	Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	I^2t (Amps ² Seconds)	Watts loss (kg)	Net weight per fuse (kg)
125NH00		125		11230		
160NH00	00	160	690	18700	≤ 19	0.19

690Volts aR NH Fuse links

Time-current curves - NH Size 1

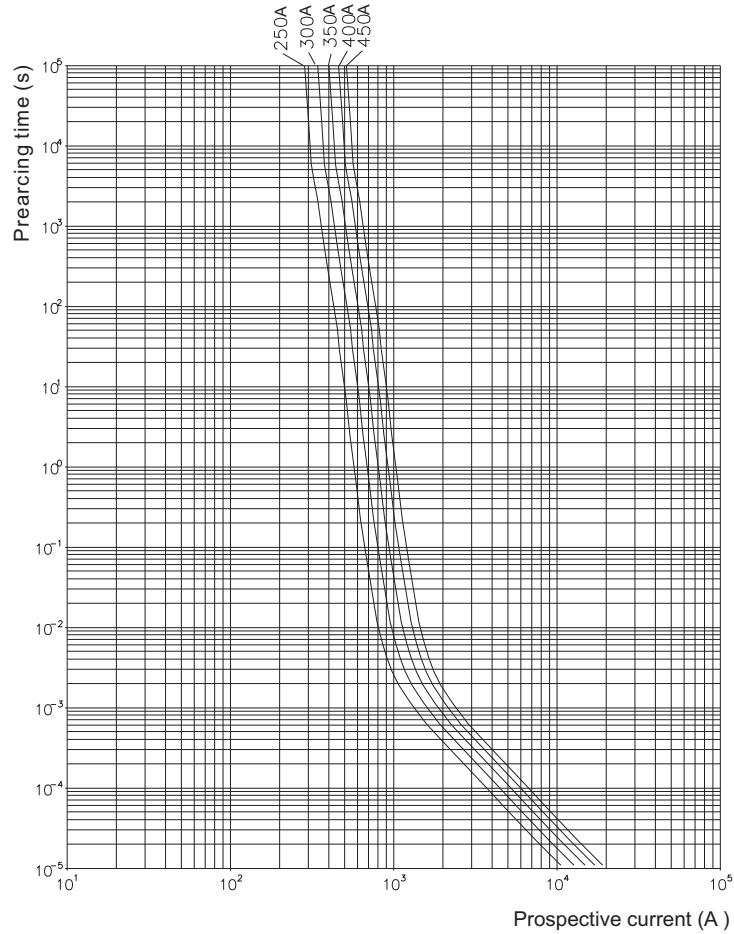


Technical data - NH size 1

Part numbers with metal gripping lugs	Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	I^2t (Amps ² Seconds)	Watts loss	Net weight per fuse (kg)
125NH1	1	125	690	6000	≤ 42	0.43
160NH1		160		10200		
200NH1		200		18500		
250NH1		250		32900		
280NH1		280		56800		

690 Volts aR NH Fuse links

Time-current curves - NH Size 2

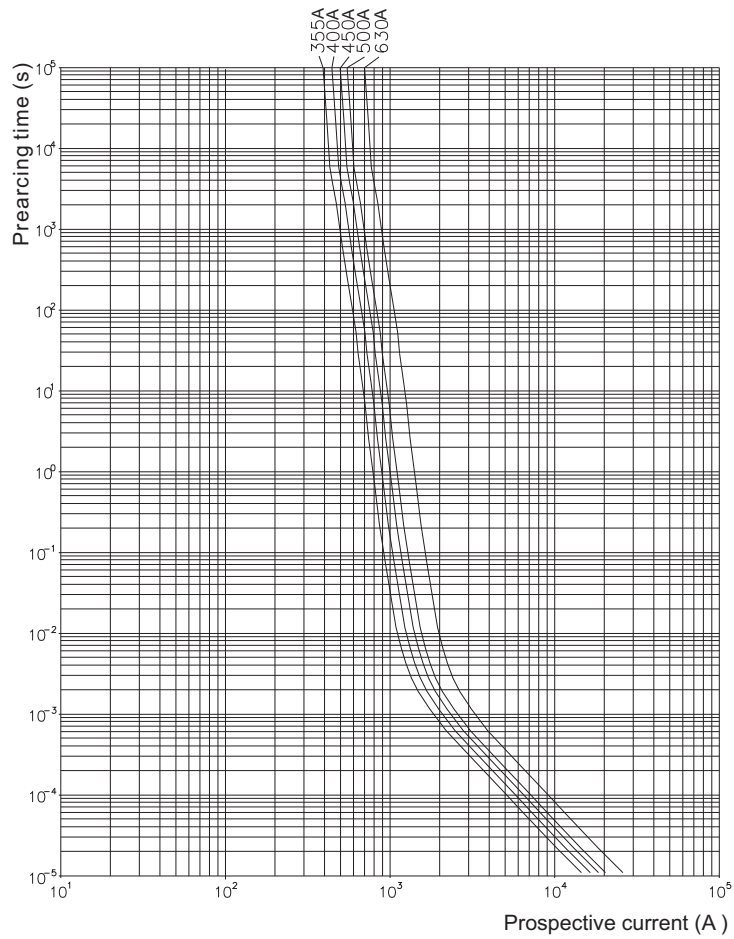


Technical data - NH size 2

Part numbers with metal gripping lugs	Fuse link size	Rated current (Amps)	Rated voltage (V a.c.)	I^2t (Amps ² Seconds)	Watts loss	Net weight per fuse (kg)
250NH2		250		19600		
300NH2		300		36800		
350NH2	2	350	690	55600	≤ 76	0.65
400NH2		400		77800		
450NH2		450		101100		

690 Volts aR NH Fuse links

Time-current curves - NH Size 3



Technical data - NH size 3

Part numbers with metal gripping lugs	Fuse link size	Rated current (Amp)	Rated voltage (V a.c.)	I^2t (Amps ² Seconds)	Watts loss	Net weight per fuse (kg)
355NH3	3	355	690	68500	≤ 94	0.82
400NH3		400		78100		
450NH3		450		101000		
500NH3		500		145000		
630NH3		630		281000		