

NH DIN Dual Indication Fuse Links

Class gG/gL, 690Vac, 2 to 500 Amps, Sizes 000 to 3
NH Series



Description: A range of Class gG/gL square bodied industrial fuse links for a variety of applications.

Packaging: MOQ: 3

Technical Data:

- Sizes: 000 to 3
- Rated Voltage: 690Vac*
- Rated Current: 2 to 500A
- Rated Breaking Capacity: 120kA**
- Operating Frequency: 45-62Hz
- Construction:
 - Steatite ceramic body
 - Corrosion resistant aluminium end plates
 - Corrosion resistant zinc plated screws
 - Silver-plated brass or copper contact blades

Catalogue Symbol: (amp)NHG(Size)B-690

Class of Operation: gG/gL

Fuse Size: 000 to 3

Fuse Holders:

Fuse Bases: SD*-D single-pole, TD*-S three-pole

Fuse Rails-Vertical: BFR

Fuse Switch Disconnectors-Vertical: BFD

Fuse Switch Disconnectors-Horizontal: BFH

* Select required size of fuse base

Standards/Approvals:

- IEC 60269-1 and 2, DIN 43620 Part 1 and 3

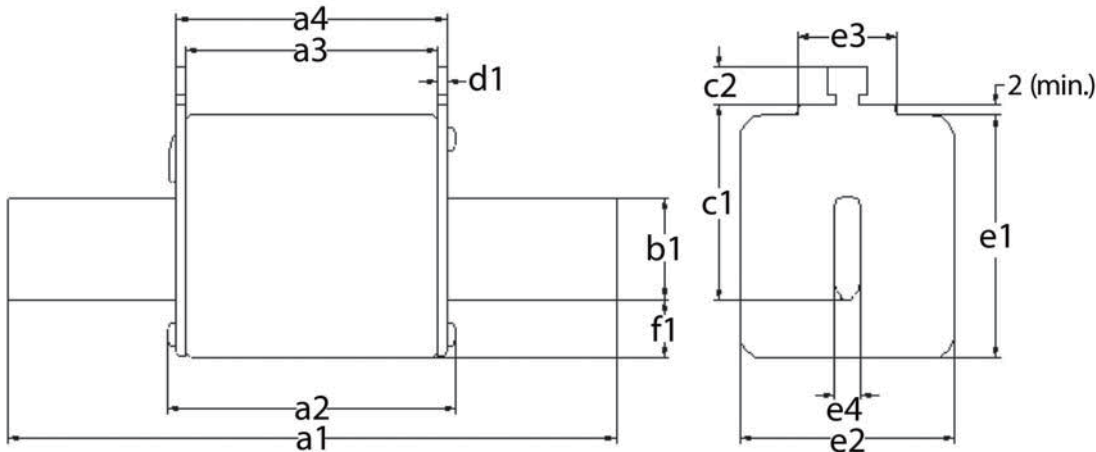
Environmental

- 100% Recyclable (including packaging)
- RoHS Compliant
- Cadmium and lead free

Features

- Low watts loss
- Reliable dual indicator system
- Metal gripping lugs

Dimensions - mm



Size	a1	a2 (max)	a3	a4	b1	c1	c2	d1	e1 (max)	e2 (max)	e3	e4	f1 (max)
000	78.5±1.5	54	45±1.5	49±1.5	15	35±0.8	10	2±0.5	41	21	16	6	8
00	78.5±1.5	54	45±1.5	49±1.5	15	35±0.8	10	2±0.5	48	30	20	6	15
1	135±2.5	75	62±2.5	68±2.5	20	40±0.8	11	2.5±0.5	53	52	20	6	15
2	150±2.5	75	62±2.5	68±2.5	25	48±0.8	11	2.5±0.5	61	60	20	6	15
3	150±2.5	75	62±2.5	68±2.5	32	60±0.8	11	2.5±0.5	76	75	20	6	18

* 160A size 00 rated at 660Vac

** 160A size 00 rated at 50kA

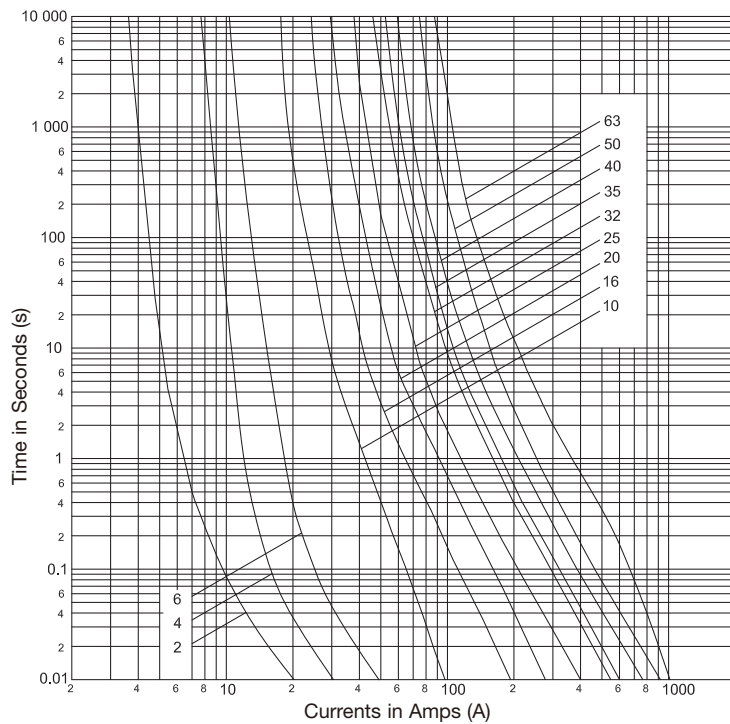
NH DIN Dual Indication Fuse Links

Class gG/gL, 690Vac, 2 to 500 Amps, Sizes 000 to 3
NH Series



Size 000, 2 to 63 amps

Size 000 Time-Current Characteristics



Size 000 Technical Data

Part Number	Rated Current (Amps)	I ² t (Amps ² Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
2NHG000B-690	2	3.5	8	4	0.118kg
4NHG000B-690	4	6	16	2	
6NHG000B-690	6	14	25	2	
10NHG000B-690	10	60	400	1.5	
16NHG000B-690	16	240	1200	2.5	
20NHG000B-690	20	500	2500	2.5	
25NHG000B0690	25	920	4400	3.5	
32NHG000B-690	32	1800	9600	3.5	
35NHG000B-690	35	2400	12,700	4	
40NHG000B-690	40	3300	15,000	4	
50NHG000B-690	50	6100	26,500	5.5	
63NHG000B-690	63	6500	30,500	5.5	

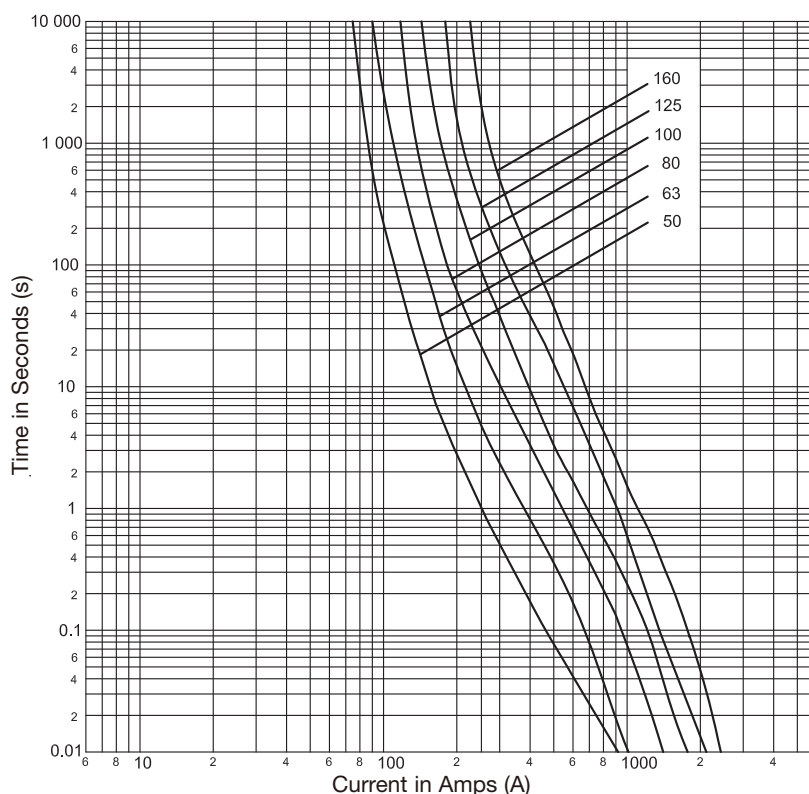
NH DIN Dual Indication Fuse Links

Class gG/gL, 690Vac, 2 to 500 Amps, Sizes 000 to 3
NH Series



Size 00, 50 to 160 amps

Size 00 Time-Current Characteristics



Size 00 Technical Data

Part Number	Rated Current (Amps)	I ² t (Amps ² Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
50NHG00B-690	50	5800	35,000	5	0.182kg
63NHG00B-690	63	5800	43,000	5	
80NHG00B-690	80	11,000	54,500	7	
100NHG00B-690	100	19,000	92,000	7.5	
125NHG00B-690	125	27,500	105,000	9.5	
160NHG00B-660*	160	40,500	135,000*	13	

* 660 Volts, 50kA breaking capacity

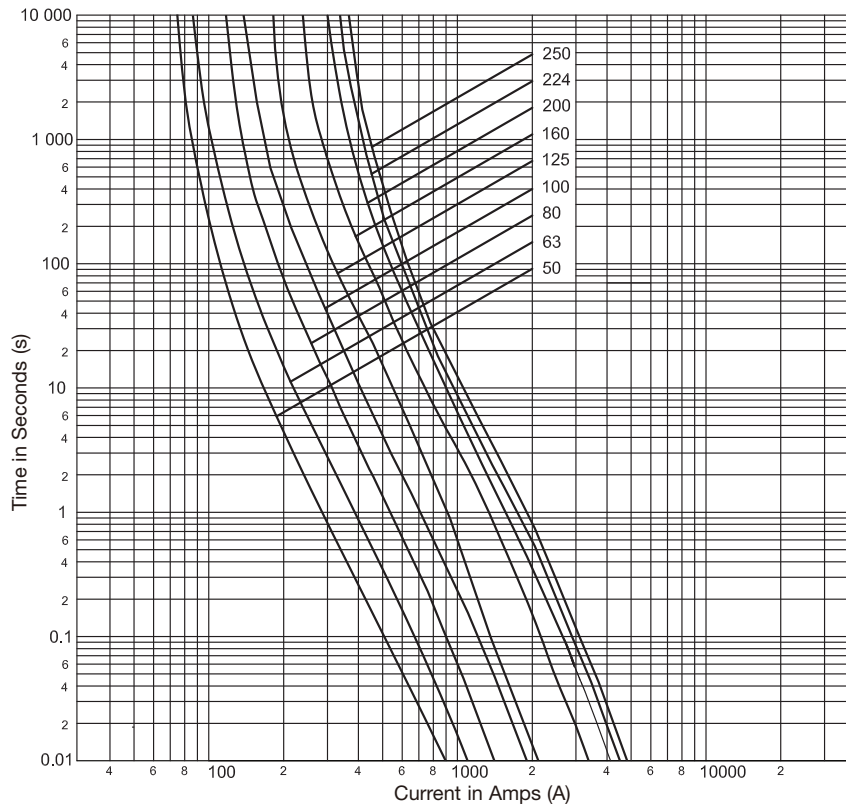
NH DIN Dual Indication Fuse Links

Class gG/gL, 690Vac, 2 to 500 Amps, Sizes 000 to 3
NH Series



Size 1, 50 to 250 amps

Size 1 Time-Current Characteristics



Size 1 Technical Data

Part Number	Rated Current (Amps)	I ² t (Amps ² Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
50NHG1B-690	50	6350	26,500	6.4	0.380kg
63NHG1B-690	63	6800	36,000	5.6	
80NHG1B-690	80	10,500	47,500	7.7	
100NHG1B-690	100	22,000	105,000	8.2	
125NHG1B-690	125	29,000	120,000	13	
160NHG1B-690	160	71,000	240,000	13	
200NHG1B-690	200	105,000	350,000	17	
224NHG1B-690	224	120,000	430,000	19	
250NHG1B-690	250	150,000	520,000	22	

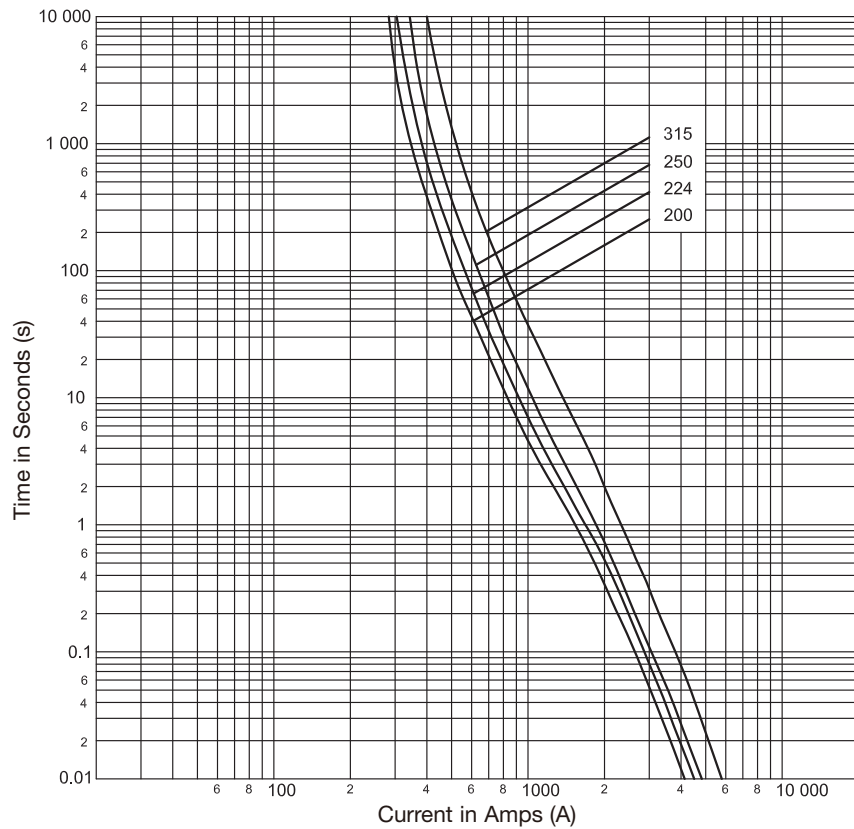
NH DIN Dual Indication Fuse Links

Class gG/gL, 690Vac, 2 to 500 Amps, Sizes 000 to 3
NH Series



Size 2, 200 to 315 amps

Size 2 Time-Current Characteristics



Size 2 Technical Data

Part Number	Rated Current (Amps)	I ² t (Amps ² Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
200NHG2B-690	200	99,000	385,000	18	0.620kg
224NHG2B-690	224	130,000	485,000	20	
250NHG2B-690	250	170,000	625,000	23	
315NHG2B-690	315	295,000	760,000	32	

NH DIN Dual Indication Fuse Links

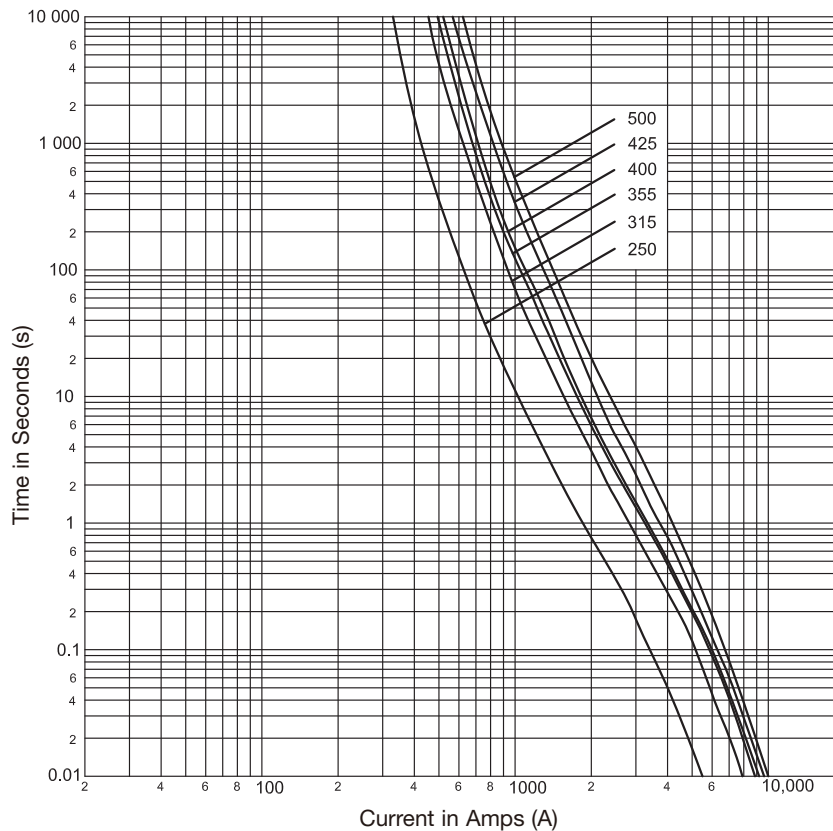
Class gG/gL, 690Vac, 2 to 500 Amps, Sizes 000 to 3

NH Series



Size 3, 250 to 500 amps

Size 3 Time-Current Characteristics



Size 3 Technical Data

Part Number	Rated Current (Amps)	I ² t (Amps ² Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
250NHG3B-690	250	160,000	715,000	21	1.048kg
315NHG3B-690	315	375,000	1,400,000	22	
355NHG3B-690	355	400,000	1,650,000	25	
400NHG3B-690	400	475,000	1,600,000	37	
425NHG3B-690	425	630,000	1,700,000	35	
500NHG3B-690	500	856,000	2,480,000	43	

The only controlled copy of this Data Sheet is the electronic read-only version located on the Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.

Bussmann
 亚太总部 AP Headquarter
 上海浦东张江高科东区胜利路955号
 邮编: 201201
 TEL: +86 21 2899 3888 FAX: +86 21 2899 3990

Recorder #E1a-1201 Printed in China