

# NH DIN Dual Indication Fuse Links

## Class aM, 690Vac, 6 to 500 Amps, Sizes 000 to 3

### NH Series



**Description:** A range of Class aM square bodied industrial fuse links for a wide variety of motor protection applications.

**Packaging:** MOQ: 3

**Technical Data:**

- Sizes: 000 to 3
- Rated Voltage: 690Vac
- Rated Current: 6 to 500A
- Rated Breaking Capacity: 120kA
- Operating Frequency: 45-62Hz
- Construction:
  - Steatite ceramic bodies
  - Corrosion-resistant aluminium end plates
  - Corrosion-resistant steel plated screws
  - Silver-plated brass or copper contact blades

**Catalogue Symbol:** (amp)NHM(Size)B-690

**Class of Operation:** aM

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

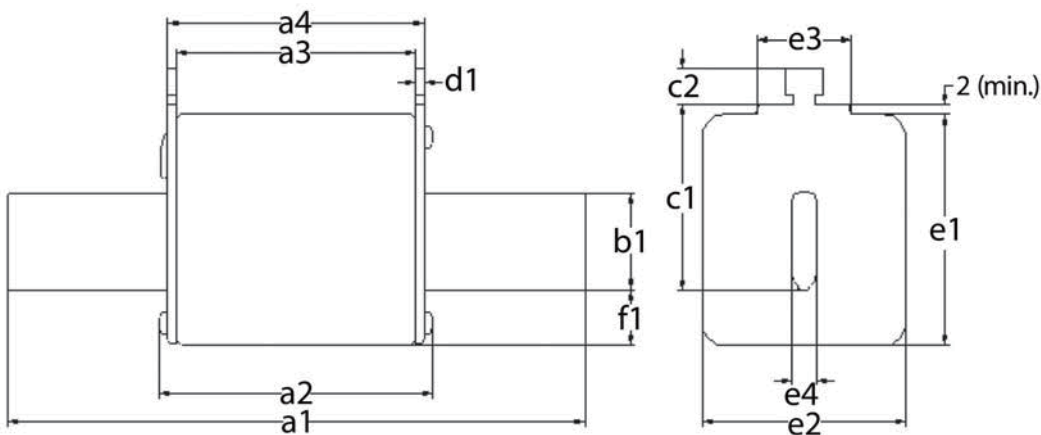
**Environmental**

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

**Features**

- Low watts loss
- Reliable dual indicator system (except size 2, 315 and 355A which are single indication)
- 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	11	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 Dual Indication	150±2.5	75	62±2.5	68±2.5	25	48±0.8	11	2.5±0.5	61	60	20	6	15
2 Single Indication	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

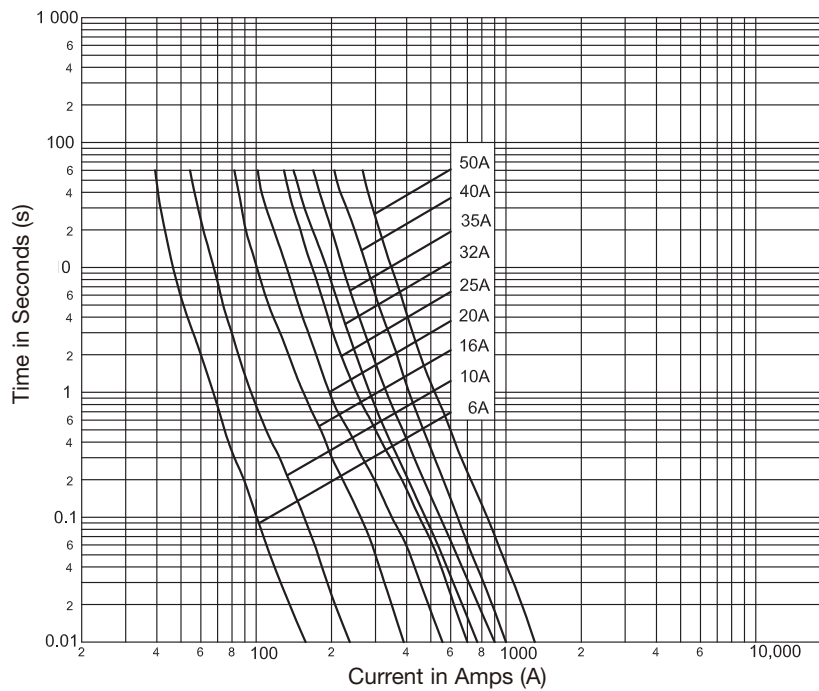
# NH DIN Dual Indication Fuse Links

Class aM, 690Vac, 6 to 500 Amps, Sizes 000 to 3  
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Size 000, 6 to 50 amps

Size 000 Time-Current Characteristics



Size 000 Technical Data

Part Number	Rated Current (Amps)	I <sup>2</sup> t (Amps <sup>2</sup> Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
6NHM000B-690	6	48	650	0.34	0.118kg
10NHM000B-690	10	200	1800	0.52	
16NHM000B-690	16	500	4400	0.80	
20NHM000B-690	20	1450	7250	0.90	
25NHM000B-690	25	3500	13,500	1.10	
32NHM000B-690	32	2200	7500	2.10	
35NHM000B-690	35	3000	12,000	2.10	
40NHM000B-690	40	4700	14,500	2.30	
50NHM000B-690	50	11,000	27,000	2.70	

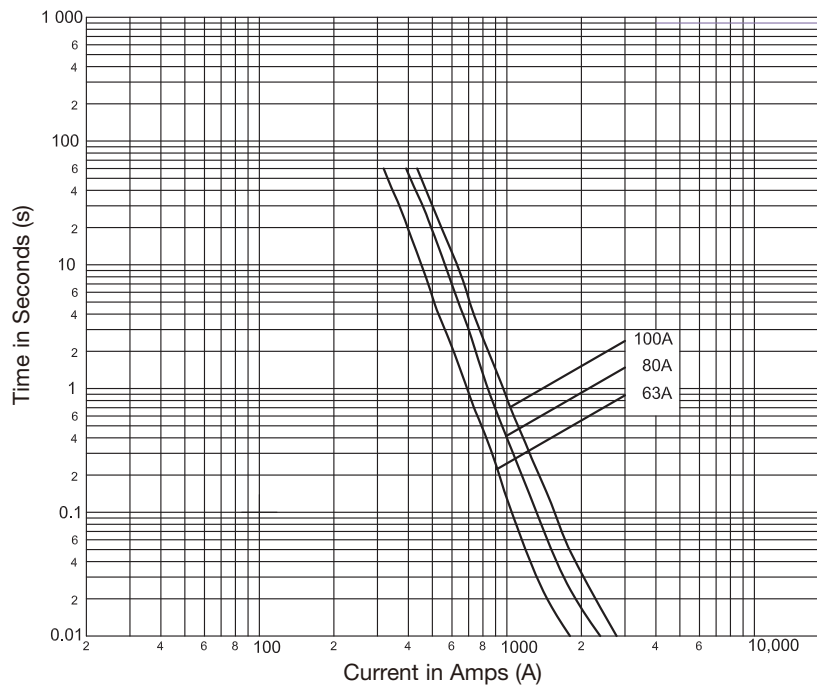
# NH DIN Dual Indication Fuse Links

Class aM, 690Vac, 6 to 500 Amps, Sizes 000 to 3  
NH Series



Size 00, 63 to 100 amps

Size 00 Time-Current Characteristics



Size 00 Technical Data

Part Number	Rated Current (Amps)	I <sup>2</sup> t (Amps <sup>2</sup> Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
63NHM00B-690	63	16,000	52,000	3.10	0.186kg
80NHM00B-690	80	24,000	69,500	4.30	
100NHM00B-690	100	35,000	110,000	5.50	

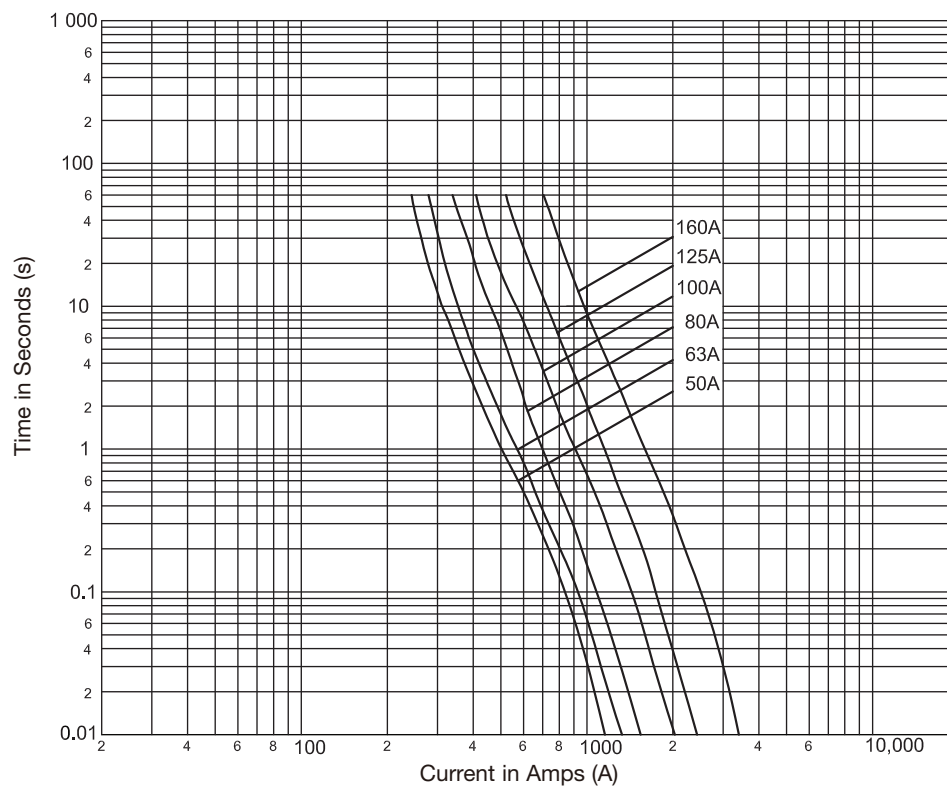
# NH DIN Dual Indication Fuse Links

Class aM, 690Vac, 6 to 500 Amps, Sizes 000 to 3  
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Size 1, 50 to 160 amps

Size 1 Time-Current Characteristics



Size 1 Technical Data

Part Number	Rated Current (Amps)	I <sup>2</sup> t (Amps <sup>2</sup> Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
50NHM1B-690	50	10,000	39,500	3	0.380kg
63NHM1B-690	63	12,500	49,500	4.4	
80NHM1B-690	80	19,500	77,500	5.6	
100NHM1B-690	100	33,000	105,000	6.7	
125NHM1B-690	125	49,500	170,000	8.8	
160NHM1B-690	160	110,000	315,000	10	

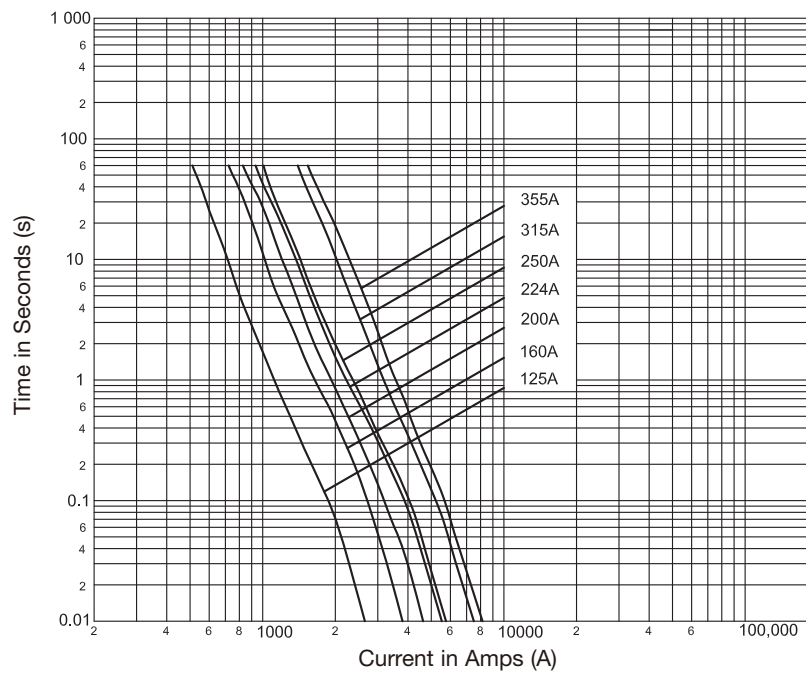
# NH DIN Dual Indication Fuse Links

## Class aM, 690Vac, 6 to 500 Amps, Sizes 000 to 3 NH Series



Size 2, 125 to 355 amps

Size 2 Time-Current Characteristics



### Size 2 Technical Data

Part Number	Rated Current (Amps)	I <sup>2</sup> t (Amps <sup>2</sup> Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
125NHM2B-690	125	56,500	215,000	9.7	0.615kg
160NHM2B-690	160	120,000	510,000	11	
200NHM2B-690	200	175,000	730,000	14	
224NHM2B-690	224	255,000	1,050,000	15	
250NHM2B-690	250	300,000	1,280,000	17	
315NHM2B-690*	315	510,000	1,150,000	23	
355NHM2B-690*	355	570,000	1,300,000	28	

\* Single indication

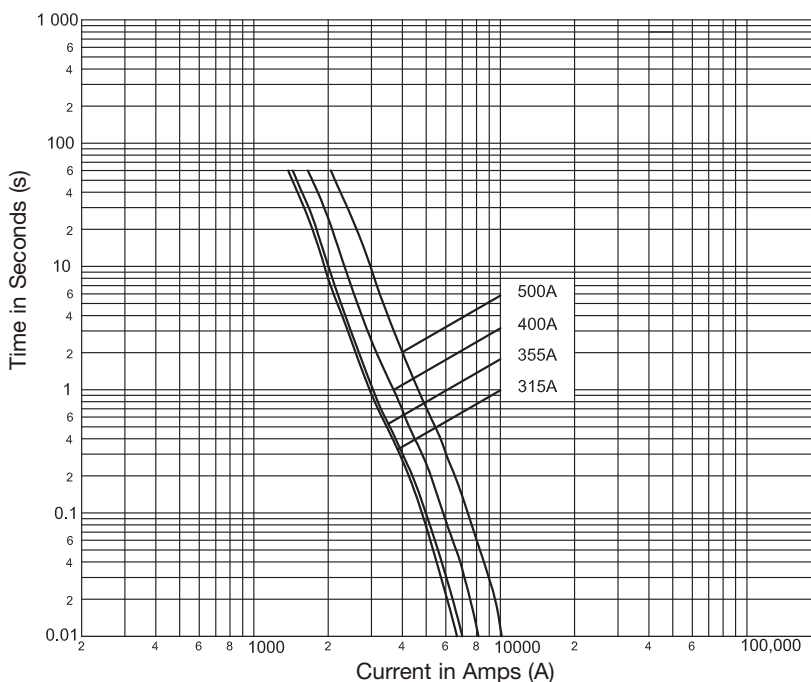
# NH DIN Dual Indication Fuse Links

## Class aM, 690Vac, 6 to 500 Amps, Sizes 000 to 3 NH Series



Size 3, 315 to 500 amps

Size 3 Time-Current Characteristics



### Size 3 Technical Data

Part Number	Rated Current (Amps)	I <sup>2</sup> t (Amps <sup>2</sup> Seconds)		Watts Loss	Net Weight per Fuse Link
		Minimum Pre-Arcing	Total at 690Vac		
315NHM3B-690	315	480,000	1,600,000	20	1.05kg
355NHM3B-690	355	500,000	1,300,000	27	
400NHM3B-690	400	680,000	2,000,000	28	
500NHM3B-690	500	1,050,000	2,800,000	36	

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