

# NH DIN Dual Indication Fuse Links

Class aM, 500 & 690Vac, 6 to 630 Amps, Sizes 000 to 3

NH



**Standards/Approvals**

- IEC 60269, DIN 43620 Part 1 and 3

**Description**

Cooper Bussmann® aM fuse links have partial range breaking capacity and must be used in conjunction with a low overload protection device such as a motor protection relay.

**Packaging**

All fuse links are packed in 3's

**Technical Data**

- Size: 000 to 3
- Rated voltage: 500 and 690Vac
- Amps: 6 to 630A
- Rated breaking capacity: 120kA
- Operating frequency: 45-62Hz
- Design material - Steatite insulator
  - Corrosion-resistant aluminium end plates
  - Corrosion-resistant plated steel screws
- Contact blade: Full contact silver plated copper blades

**Environmental**

- 100% recyclable (including packaging)
- RoHS compliant
- Cadmium and lead free for sizes 000 to 3

**Features**

- Reliable dual indicator system

**Catalogue Symbol**

- 500V: (amp)NHM(Size)B
- 690V: (amp)NHM(Size)B-690

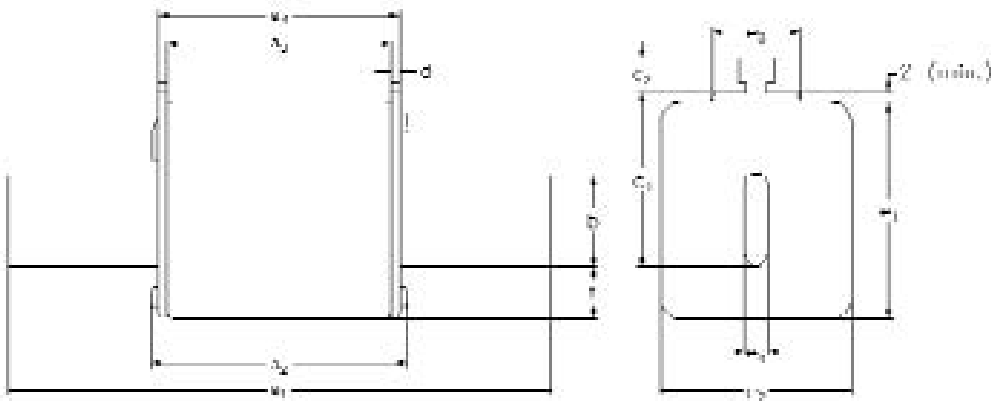
**Operation Class: aM**

**Fuse Holders**

- Fuse bases: SB\*-D single-pole, TB\*-D three-pole
- Fuse rails - vertical: BFR
- Fuse switch disconnectors vertical: BFD
- Fuse switch disconnectors horizontal: BFH

\* Select required size of fuse base

**Dimensions - mm**



Size	a <sub>1</sub>	a <sub>2</sub> (max)	a <sub>3</sub>	a <sub>4</sub>	b	c <sub>1</sub>	c <sub>2</sub>	d	e <sub>1</sub> (max)	e <sub>2</sub> (max)	e <sub>3</sub> (max)	e <sub>4</sub>	f (max)
000	78.5±1.5	54	45±1.5	49±1.5	15	35	10	2±0.5	41	21	16	6	8
00	78.5±1.5	54	45±1.5	49±1.5	15	35	11	2±0.5	48	30	25	6	15
0	125±2.5	68	62 <sup>+3/-1.5</sup>	68 <sup>+1.5/-3</sup>	15	35	11	2.5±0.5	48	30	25	6	15
1	135±2.5	75	62±2.5	68±2.5	20	40	11	2.5±0.5	53	52	25	6	15
2	150±2.5	75	62±2.5	68±2.5	25	48	11	2.5±0.5	61	60	25	6	15
3	150±2.5	75	62±2.5	68±2.5	32	60	11	3±0.5	75	70	25	6	18

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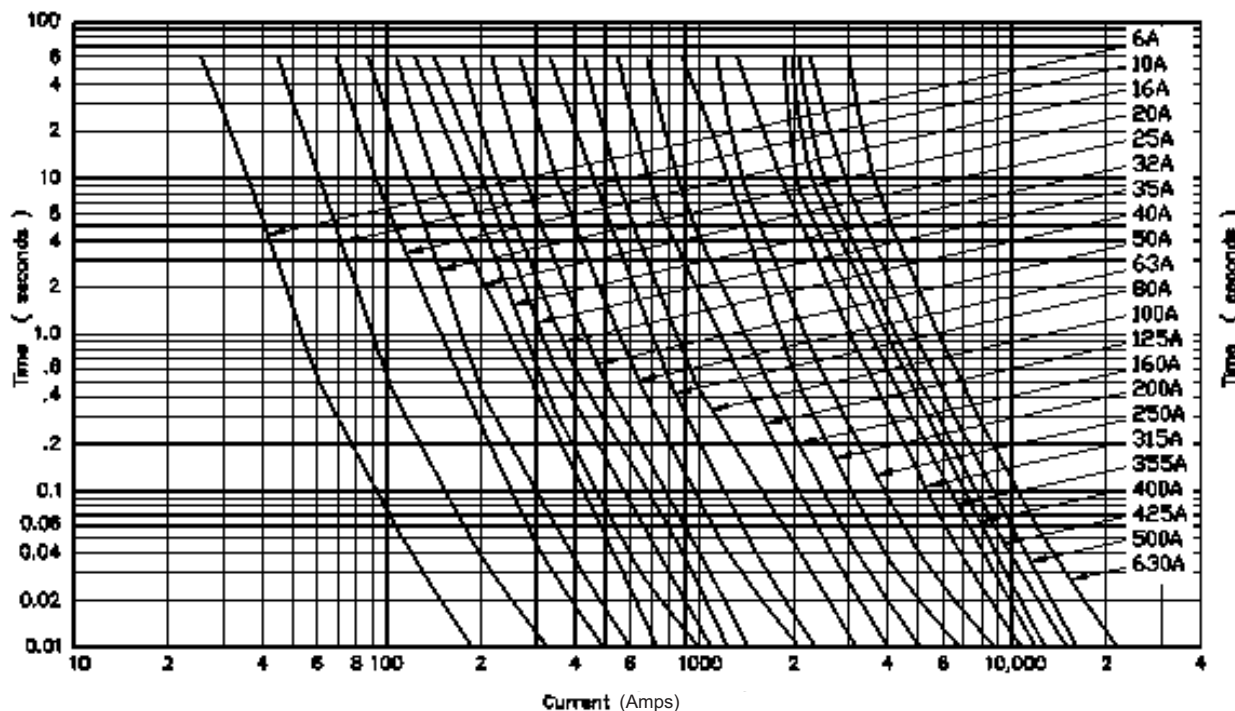
**NH****Technical Data**

Part Number	Fuse Size	Amp Rating	Voltage Rating	I <sup>2</sup> t Pre-arcing	Total Clearing at 500V	Total Clearing at 690V	Watts Loss	Net Weight per Fuse
6NHM000B-690	000	6	690Vac	71	-	360	0.33	0.133kg
10NHM000B-690		10		175	-	700	0.52	
16NHM000B-690		16		520	-	2000	0.81	
20NHM000B-690		20		790	-	3000	0.92	
25NHM000B-690		25		1000	-	4000	1.08	
32NHM000B-690		32		1700	-	6800	1.42	
35NHM000B-690		35		2450	-	9100	1.58	
40NHM000B-690		40		3500	-	13500	1.68	
50NHM00B		00		50	500Vac	5000	14000	
63NHM00B	63		8800	24000		-	2.90	
80NHM00B	80		10500	30100		-	4.19	
100NHM00B	100		17000	49000		-	5.09	
160NHM00B	160		38000	100000		-	7.73	
6NHM0B-690	0	6	690Vac	71	-	360	0.42	0.245kg
10NHM0B-690		10		175	-	700	0.67	
16NHM0B-690		16		520	-	2000	0.98	
20NHM0B		500Vac	20	790	2100	-	1.04	
32NHM0B			32	1750	4900	-	1.67	
50NHM0B			50	5000	14000	-	2.51	
63NHM0B			63	8800	24000	-	3.35	
80NHM0B			80	10500	30100	-	4.93	
100NHM0B			100	17000	49000	-	5.72	
63NHM1B	1	63	500Vac	8800	24000	-	3.20	0.409kg
80NHM1B		80		10500	30100	-	4.60	
100NHM1B		100		17000	49000	-	5.70	
125NHM1B		125		25000	70000	-	6.98	
160NHM1B		160		38000	100000	-	9.20	
200NHM1B		200		51000	150000	-	13.70	
250NHM1B		250		79000	210000	-	15.30	
125NHM2B-690	2	125	690Vac	25000	-	96000	7.60	0.647kg
160NHM2B-690		160		38000	-	145000	9.70	
200NHM2B-690		200		51000	-	200000	13.90	
250NHM2B-690		250		79000	-	300000	17.00	
315NHM2B-690		315		115000	-	450000	26.00	
355NHM2B-690		355		165000	-	650000	25.20	
400NHM2B		400	250000	710000	-	29.30		
315NHM3B-690		3	315	690Vac	110000	-	450000	
355NHM3B-690	355		160000		-	650000	23.90	
400NHM3B-690	400		250000		-	980000	26.50	
500NHM3B-690	500		550000		-	2000000	35.80	
630NHM3B	630		800000	2300000	-	56.90		

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## Cut-Off Current Characteristics

