

NH DIN Dual Indication Fuse Links

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

NH



Catalogue Symbol

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

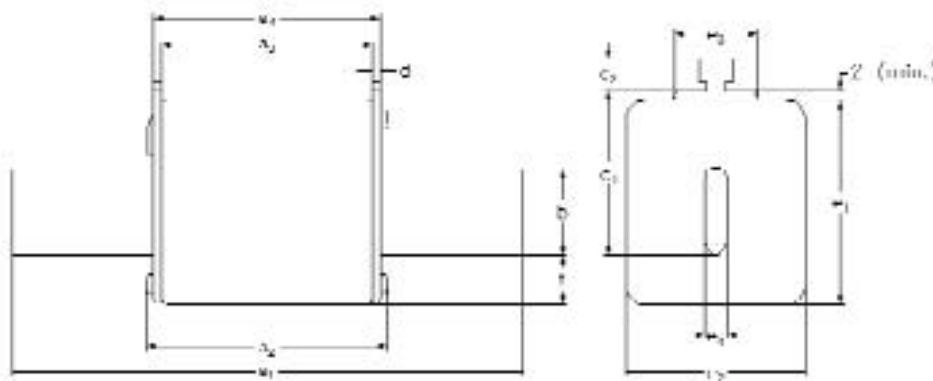
Operation Class: aM

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 ₁	a ₂ (max)	a ₃	a ₄	b	c ₁	c ₂	d	e ₁ (max)	e ₂ (max)	e ₃ (max)	e ₄	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 ^{+3/-1.5}	68 ^{+1.5/-3}	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

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

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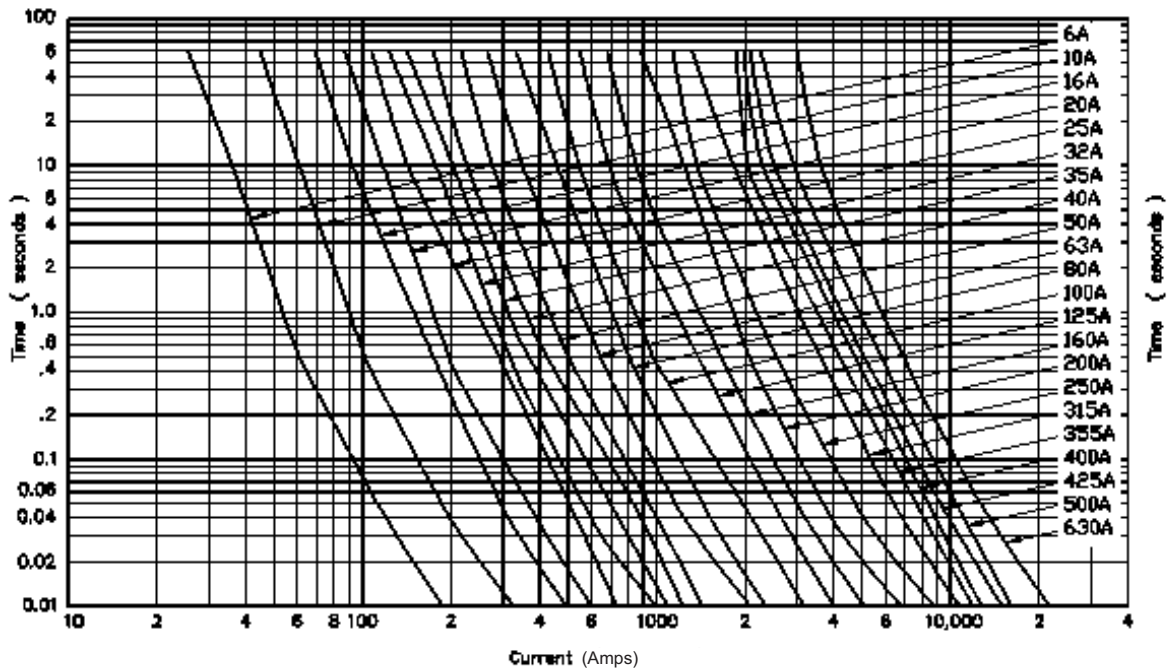
NH**Technical Data**

Part Number	Fuse Size	Amp Rating	Voltage Rating	I^2t 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	
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	500Vac	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		500Vac	800000	2300000	-	56.90	

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Cut-Off Current Characteristics

