

NH Knife Blade Fuses

gG 500V

Sizes 000 – 3 2A – 630A

The NH fuse system is composed of the following items:

- Fuse link with blade contact
- Single pole (single phase) and triple pole (3-phase) fuse bases (including terminal covers and phase barriers)
- Single pole (single phase) and triple pole (3-phase) disconnect switches (surface mount and busbar mount available)
- Neutral Link with blade contact
- Fuse link replacement device (Grip Handle)

Applications:

- Operating Class gG: General purpose cable and line protection

Features:

- Sizes: 000, 00, 1, 2 and 3
- 500VAC
- 250VDC (Size 000/00), 440VDC (Sizes 1-3)
- Top plate indicator for easy identification of blown fuses
- High breaking capacity (interrupting rating) of 120 kA
- Low power losses
- Low temperature rise
- Dimensions according to DIN 43 620 Parts 1 to 4
- Non-isolated standard application metal gripping lugs
- Lead-free contact blades



Approvals:

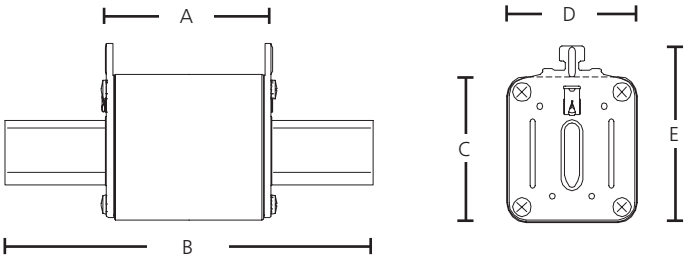
IEC 60269-1-2**EN 60269-1-2****HD 60269-2**

NH Knife Blade Fuses

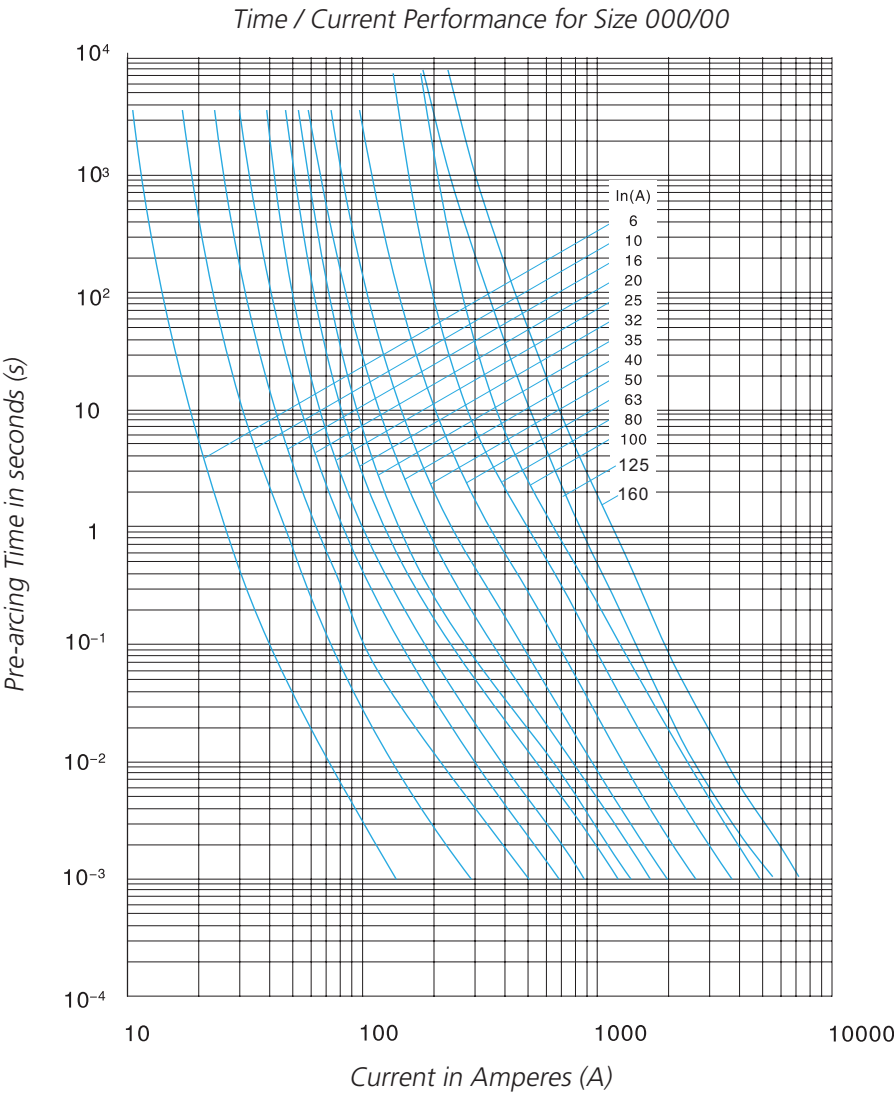
gG 500VAC/250VDC

Size 000 / 00 2A – 160A

PART NO.	AMP	WEIGHT (kg)	PACK QTY
NH000F-2	2A	0.13	3
NH000F-4	4A		
NH000F-6	6A		
NH000F-10	10A		
NH000F-16	16A		
NH000F-20	20A		
NH000F-25	25A		
NH000F-32	32A		
NH000F-35	35A		
NH000F-40	40A		
NH000F-50	50A		
NH000F-63	63A		
NH000F-80	80A		
NH000F-100	100A		
NH00F-125	125A		
NH00F-160	160A	0.20	



DIMENSIONS (mm)		REFER TO DIAGRAM ABOVE				
SERIES	AMPS	A	B	C	D	E
NH000F	2-100	49	78	40	21	52.5
NH00F	125-160	49	78	48	30	58.5

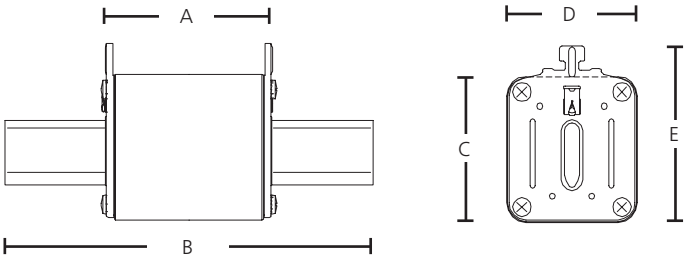


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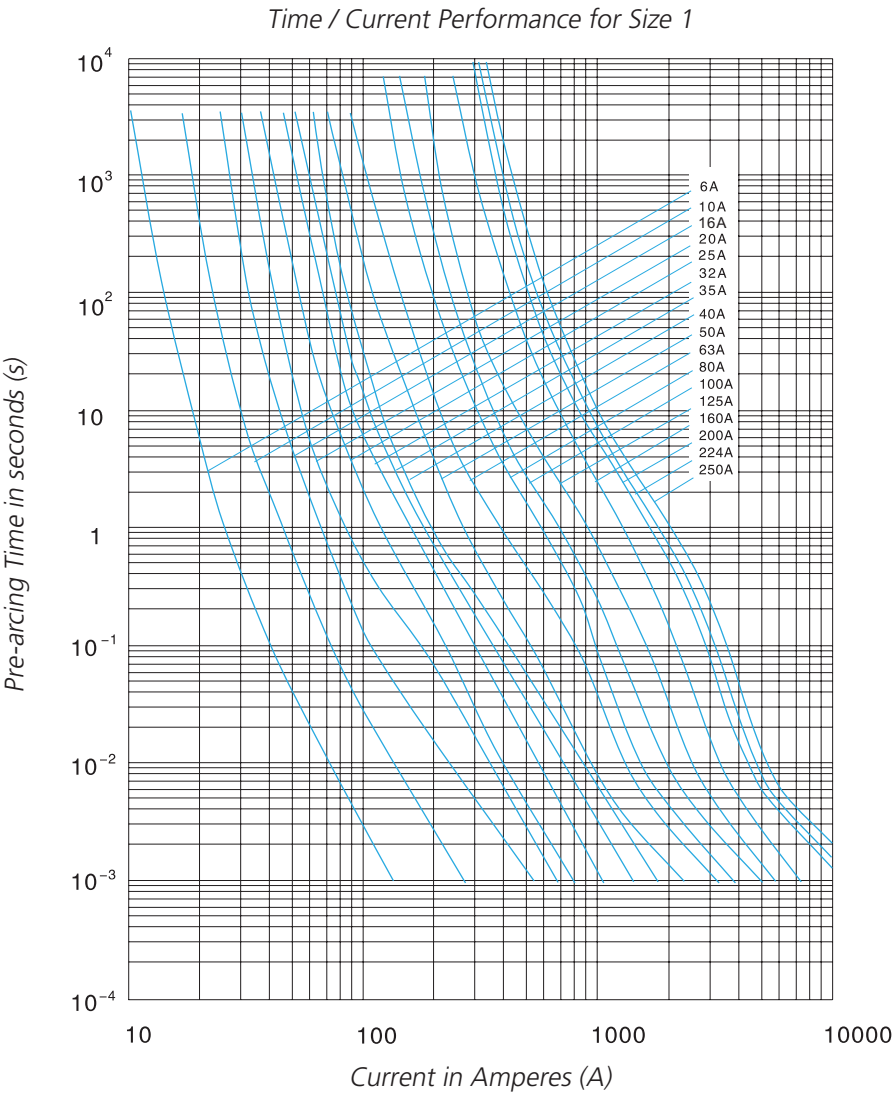
gG 500VAC/440VDC

Size 1 16A – 250A

PART NO.	AMP	WEIGHT (kg)	PACK QTY
NH1F-16	16A	0.25	3
NH1F-20	20A		
NH1F-25	25A		
NH1F-32	32A		
NH1F-35	35A		
NH1F-40	40A		
NH1F-50	50A		
NH1F-63	63A		
NH1F-80	80A		
NH1F-100	100A		
NH1F-125	125A	0.43	
NH1F-160	160A		
NH1F-200	200A		
NH1F-224	224A		
NH1F-250	250A		



DIMENSIONS (mm)		REFER TO DIAGRAM ABOVE				
SERIES	AMPS	A	B	C	D	E
NH1F	16-160	65	135	46	28	65
NH1F	200-250	65	135	46	46	58.5

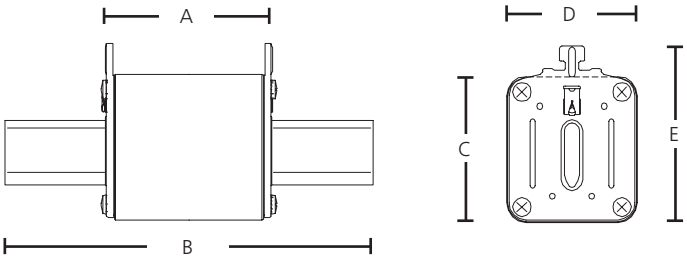


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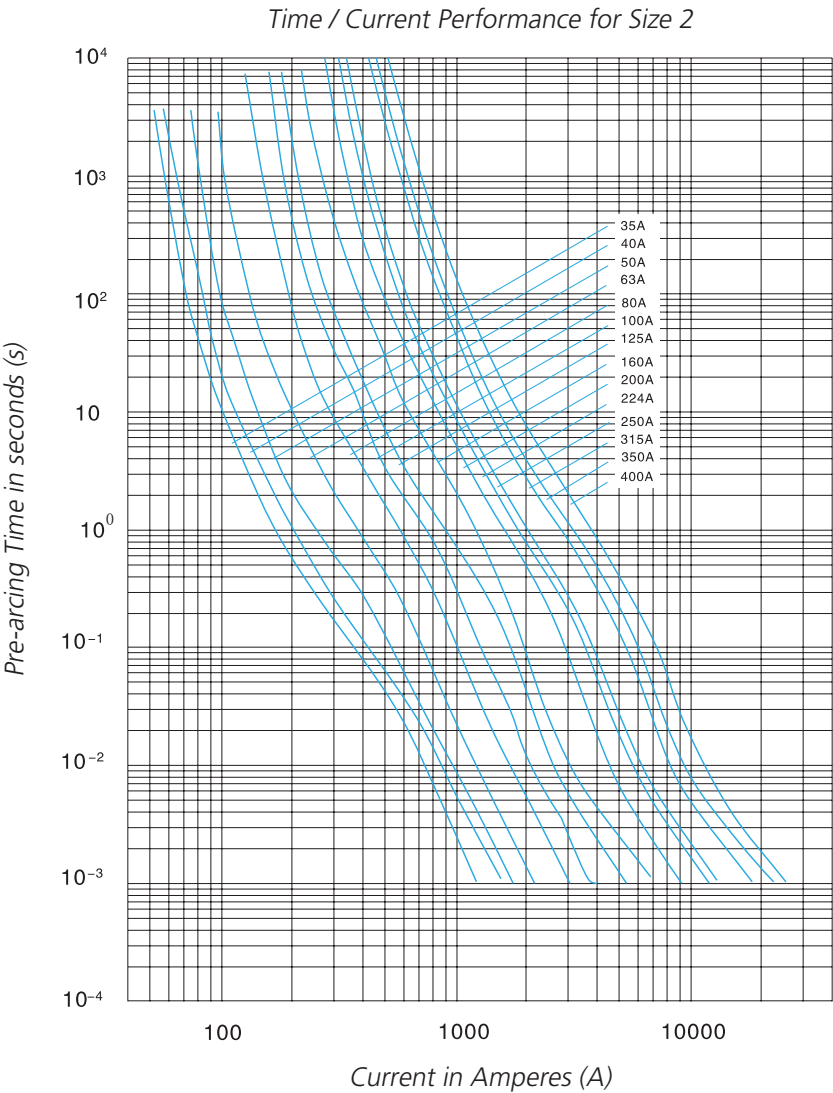
gG 500VAC/440VDC

Size 2 35A – 400A

PART NO.	AMP	WEIGHT (kg)	PACK QTY
NH2F-35	35A	0.26	3
NH2F-40	40A		
NH2F-50	50A		
NH2F-63	63A		
NH2F-80	80A		
NH2F-100	100A		
NH2F-125	125A		
NH2F-160	160A	0.46	
NH2F-200	200A		
NH2F-224	224A		
NH2F-250	250A		
NH2F-300	300A	0.62	
NH2F-315	315A		
NH2F-355	355A		
NH2F-400	400A		



DIMENSIONS (mm) REFER TO DIAGRAM ABOVE						
SERIES	AMPS	A	B	C	D	E
NH2F	35-160	65	150	46	28	72.5
NH2F	200-250	65	150	47.5	47.5	70
NH2F	300-400	66	150	56	56.5	71

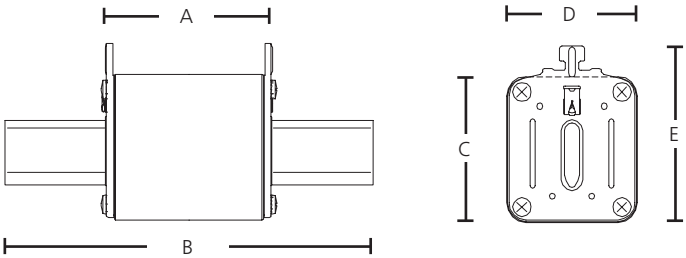


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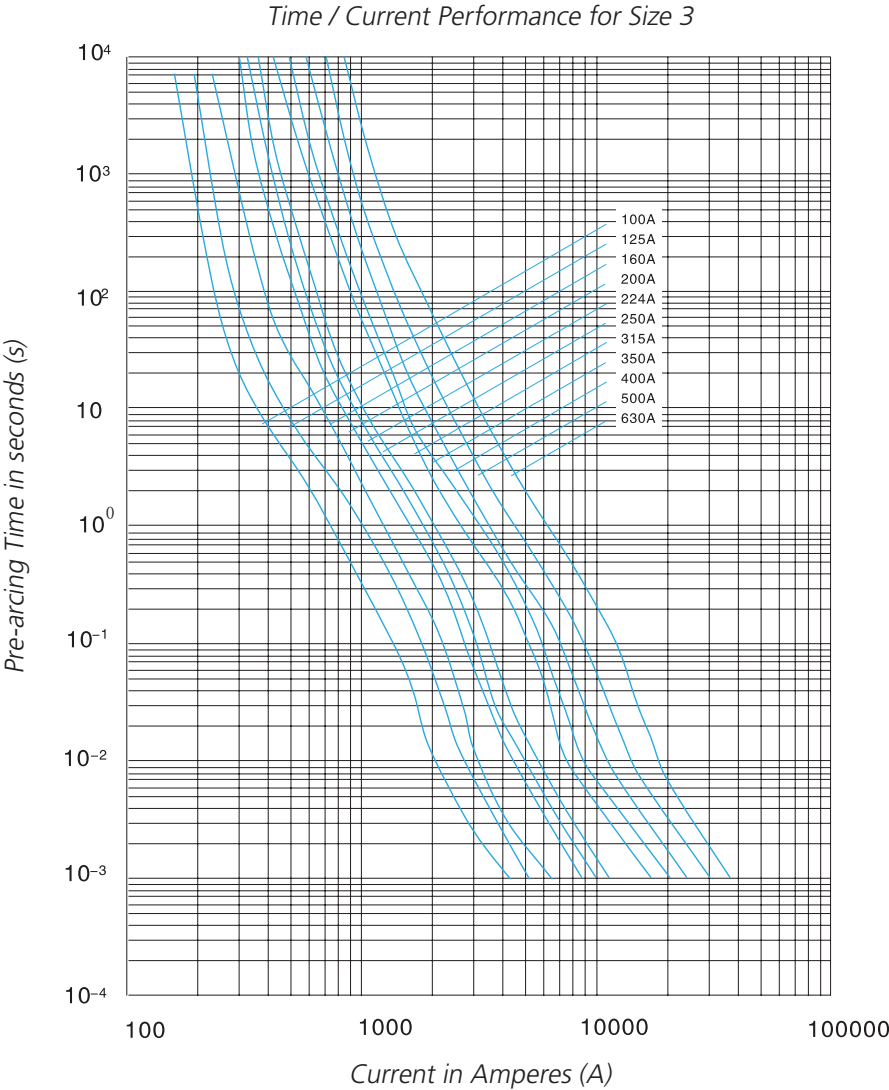
gG 500VAC/440VDC

Size 3 315A – 630A

PART NO.	AMP	WEIGHT (kg)	PACK QTY
NH3F-315	315A	0.64	1
NH3F-355	355A		
NH3F-400	400A		
NH3F-425	425A	0.89	
NH3F-500	500A		
NH3F-630	630A		



DIMENSIONS (mm)		REFER TO DIAGRAM ABOVE				
SERIES	AMPS	A	B	C	D	E
NH3F	315-400	68	150	56.5	57	84
NH3F	425-630	66	150	66.5	67	84



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gG 500VAC/440VDC

Sizes 000 – 3 2A – 630A

I ² t AND POWER LOSS VALUES					
SIZE	PART NO.	CURRENT RATING	PRE-ARCING I ² t VALUE (A ² s)	TOTAL I ² t VALUE @ 500V (A ² s)	POWER LOSS (W)
NH000	NH000F-16	16A	307	1,060	1.4
	NH000F-20	20A	691	1,800	1.6
	NH000F-25	25A	1,080	3,700	2.4
	NH000F-32	32A	1,920	7,800	2.6
	NH000F-40	40A	3,130	14,100	3.2
	NH000F-50	50A	6,250	17,000	4.3
	NH000F-63	63A	14,000	25,400	4.7
	NH000F-80	80A	25,000	47,000	4.8
NH00	NH00F-100	100A	39,000	72,000	6.5
	NH00F-125	125A	48,000	132,000	7.5
NH1	NH00F-160	160A	98,000	204,000	8.8
	NH1F-80	80A	22,000	50,000	5.0
	NH1F-100	100A	34,000	85,000	6.8
	NH1F-125	125A	50,000	145,000	9.0
	NH1F-160	160A	101,000	233,000	11.2
	NH1F-200	200A	175,000	332,000	13.2
	NH1F-224	224A	232,000	471,000	15.2
NH2	NH1F-250	250A	310,000	582,000	15.5
	NH2F-160	160A	105,000	225,000	11.8
	NH2F-200	200A	150,000	355,000	13.8
	NH2F-250	250A	215,000	650,000	16.2
	NH2F-300	300A	335,000	1,076,000	19.8
	NH2F-315	315A	431,000	1,289,000	22.0
	NH2F-355	355A	658,000	1,560,000	22.7
NH3	NH2F-400	400A	860,000	1,710,000	27.6
	NH3F-315	315A	467,000	1,322,000	19.0
	NH3F-355	355A	591,000	1,652,000	22.0
	NH3F-400	400A	804,000	1,820,000	26.0
	NH3F-425	425A	883,000	2,170,000	31.0
	NH3F-500	500A	1,720,000	3,345,000	36.0
	NH3F-630	630A	3,219,000	4,900,000	38.0