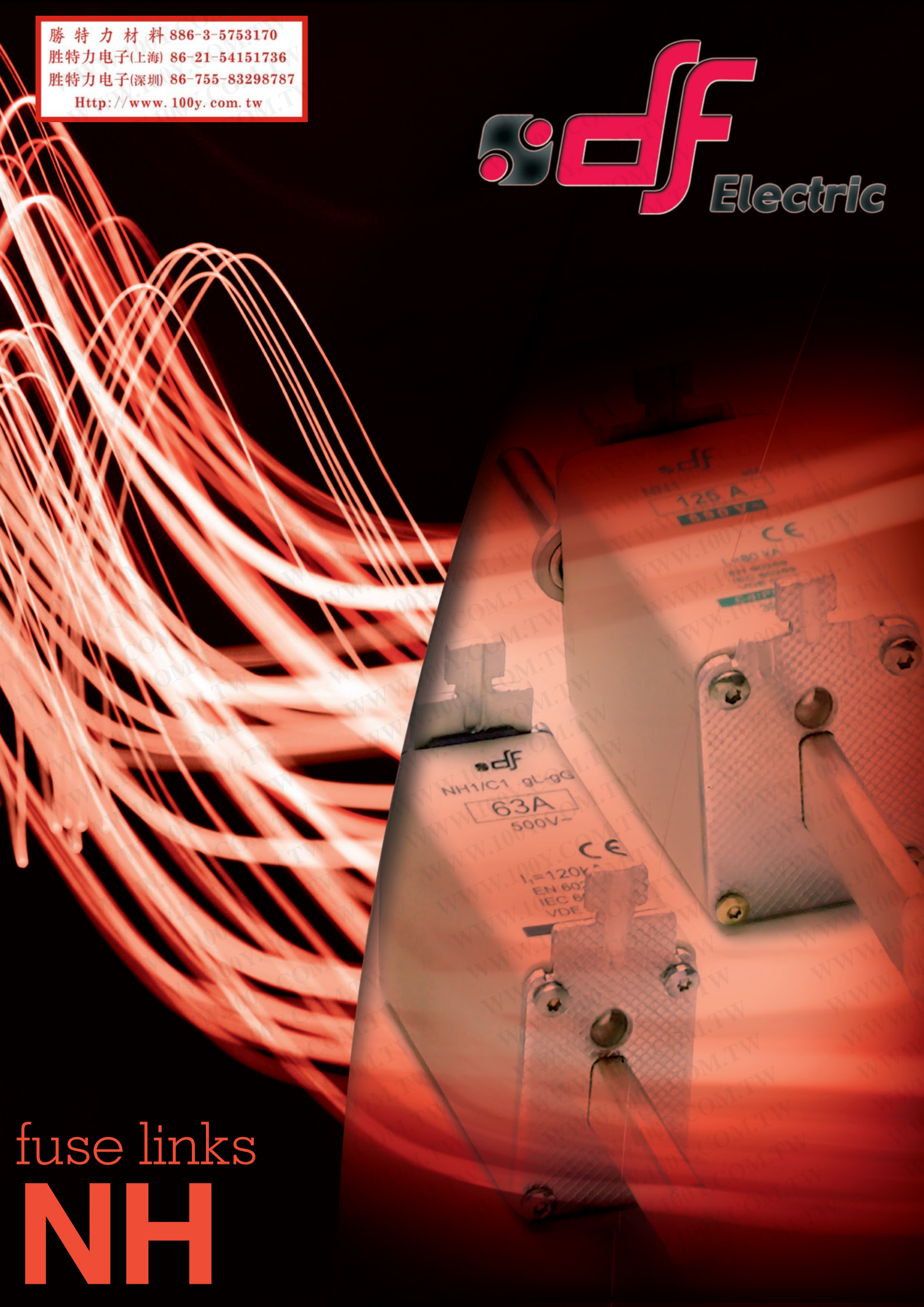


勝特力材料 886-3-5753170  
勝特力电子(上海) 86-21-54151736  
勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



fuse links  
**NH**



# NH FUSE LINKS

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- gg 690V NH FUSE LINKS
- am 500V & 690V WITH STRIKER NH FUSE LINKS
- gg 500V WITH STRIKER NH FUSE LINKS
- gg 690V WITH STRIKER NH FUSE LINKS
- am 500V & 690V WITH STRIKER NH FUSE LINKS

## gG NH FUSE LINKS

500V

Knife type (NH) fuse-links gG class for general use, with top indicator. These high breaking capacity fuse-links are intended for protection of power lines and equipment, against overloads and short-circuits with rated voltages up to 500V AC (+10%). The rated breaking capacity is 120 kA. The range comprises fuse-links from size NH000 up to NH4, with rated currents from 2A up to 1250A. Compact versions in low rated currents of every size. Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allows a high breaking capacity. Knife contacts are made of silver plated copper or brass. They are manufactured according to IEC/EN60269 and VDE0636 Standards and comply with RoHS directive.

[www.df-sa.es/NH/fuse links/gG/500V/](http://www.df-sa.es/NH/fuse links/gG/500V/)

### NH000

In (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
2	381000	500	120	3/90
4	381005	500	120	3/90
6	381010	500	120	3/90
10	381015	500	120	3/90
16	381020	500	120	3/90
20	381025	500	120	3/90
25	381030	500	120	3/90
32	381035	500	120	3/90
35	381040	500	120	3/90
40	381045	500	120	3/90
50	381050	500	120	3/90
63	381055	500	120	3/90
80	381060	500	120	3/90
100	381065	500	120	3/90



381065

### NH00

125	381070	500	120	3/60
160	381075	500	120	3/60



381075

### NH0

6	381110	500	120	3/42
10	381115	500	120	3/42
16	381120	500	120	3/42
20	381125	500	120	3/42
25	381130	500	120	3/42
32	381135	500	120	3/42
35	381140	500	120	3/42
40	381145	500	120	3/42
50	381150	500	120	3/42
63	381155	500	120	3/42
80	381160	500	120	3/42
100	381165	500	120	3/42
125	381170	500	120	3/42
160	381175	500	120	3/42



381175

### NH0 S

200	381180	500	120	3/30
224	381185	500	120	3/30
250	381190	500	120	3/30



381190

STANDARDS IEC 60269-1 IEC 60269-2 EN 60269-1 EN 60269-2 DIN 43620	APPROVALS RoHS compliant REACH SVHC
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# NH FUSE LINKS

## gG NH FUSE LINKS

500V

NHC1

$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
50	381230	500	120	3/30
63	381235	500	120	3/30
80	381240	500	120	3/30
100	381245	500	120	3/30
125	381250	500	120	3/30
160	381255	500	120	3/30

NH1

200	381260	500	120	3/30
224	381265	500	120	3/30
250	381270	500	120	3/30
315*	381280	500	120	3/30
355*	381285	500	120	3/30

NHC2

63	381325	500	120	3/24
80	381330	500	120	3/24
100	381335	500	120	3/24
125	381340	500	120	3/24
160	381345	500	120	3/24
200	381350	500	120	3/24
224	381355	500	120	3/24
250	381360	500	120	3/24

NH2

315	381370	500	120	3/18
355	381375	500	120	3/18
400	381380	500	120	3/18
425*	381385	500	120	3/18
500*	381390	500	120	3/18

NHC3

250	381435	500	120	3/18
315	381445	500	120	3/18
355	381450	500	120	3/18
400	381455	500	120	3/18

NH3

425	381460	500	120	3/18
500	381465	500	120	3/18
630	381470	500	120	3/18
800*	381475	500	120	3/18

NH4

315	381505	500	120	1/6
400	381510	500	120	1/6
500	381515	500	120	1/6
630	381520	500	120	1/6
800	381525	500	120	1/6
900	381527	500	120	1/6
1000	381530	500	120	1/6
1250*	381535	500	120	1/6

\* OVERRATING FUSE LINKS



381255



381285



381360



381390



381455



381470



381535

## gG NH FUSE LINKS

690V

Knife type (NH) fuse-links gG class for general use, with top indicator. These high breaking capacity fuse-links are intended for protection of power lines and equipment, against overloads and short-circuits with rated voltages up to 690V (+5%). The rated breaking capacity is 80 kA. The range comprises fuse-links from size NH000 up to NH4, with rated currents from 2A up to 800A. Compact versions in low rated currents of every size. Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allows a high breaking capacity. Knife contacts are made of silver plated copper or brass. They are manufactured according to IEC/EN60269 and VDE0636 Standards and comply with RoHS directive.

[www.df-sa.es/NH/fuse links/gG/690V/](http://www.df-sa.es/NH/fuse%20links/gG/690V/)

### NH000

I <sub>n</sub> (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
2	382000	690	80	3/90
4	382005	690	80	3/90
6	382010	690	80	3/90
10	382015	690	80	3/90
16	382020	690	80	3/90
20	382025	690	80	3/90
25	382030	690	80	3/90
32	382035	690	80	3/90
35	382040	690	80	3/90
40	382045	690	80	3/90



382045

### NH00

50	382050	690	80	3/60
63	382055	690	80	3/60
80	382060	690	80	3/60
100	382065	690	80	3/60



382065

### NH0

6	382110	690	80	3/42
10	382115	690	80	3/42
16	382120	690	80	3/42
20	382125	690	80	3/42
25	382130	690	80	3/42
32	382135	690	80	3/42
35	382140	690	80	3/42
40	382145	690	80	3/42
50	382150	690	80	3/42
63	382155	690	80	3/42
80	382160	690	80	3/42
100	382165	690	80	3/42



382145

#### STANDARDS

IEC 60269-1  
IEC 60269-2  
EN 60269-1  
EN 60269-2  
DIN 43620

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BS FUSE SWITCH  
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## gG NH FUSE LINKS

690V

	$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
<b>NHC1</b>	50	382230	690	80	3/30
	63	382235	690	80	3/30
	80	382240	690	80	3/30
	100	382245	690	80	3/30
<b>NH1</b>	125	382250	690	80	3/30
	160	382255	690	80	3/30
	200	382260	690	80	3/30
<b>NHC2</b>	63	382325	690	80	3/24
	80	382330	690	80	3/24
	100	382335	690	80	3/24
	125	382340	690	80	3/24
	160	382345	690	80	3/24
	200	382350	690	80	3/24
<b>NH2</b>	224	382355	690	80	3/18
	250	382360	690	80	3/18
	315	382370	690	80	3/18
<b>NHC3</b>	250	382435	690	80	3/18
	315	382445	690	80	3/18
<b>NH3</b>	355	382450	690	80	3/18
	400	382455	690	80	3/18
	425	382460	690	80	3/18
	500	382465	690	80	3/18
<b>NH4</b>	400	382510	690	80	1/6
	500	382515	690	80	1/6
	630	382520	690	80	1/6
	800	382525	690	80	1/6



382245



382260



382325



382370



382445



382465



382525

## aM NH FUSE LINKS

500V  
690V

Knife type (NH) fuse-links aM class for motor protection, with top indicator. These high breaking capacity fuse-links are intended for short circuit protection in motors, transformer and other load with high inrush currents, with rated voltages up to 690V (+5%). The rated breaking capacity is 80 kA at 690V or 120 kA at 500V. Excellent protection of switchgear (contactor, thermal switch) due to the good current limiting capability and low  $I^2t$  values. These fuse links must be associated to an overload device protection (thermal switch). The range comprises fuse-links from size NH000 up to NH4, with rated currents from 6A up to 1250A. Compact versions in low rated currents of every size. Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allows a high breaking capacity. Melting elements are silver plated in order to avoid the aging and thus keep unalterable the electric characteristics. Knife contacts are made of silver plated copper or brass. They are manufactured according to IEC/EN60269 and VDE0636 Standards and comply with RoHS directive.

[www.df-sa.es/NH/fuse links/aM/](http://www.df-sa.es/NH/fuse links/aM/)

### NH000

$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
6	384010	690	80	3/90
10	384015	690	80	3/90
16	384020	690	80	3/90
20	384025	690	80	3/90
25	384030	690	80	3/90
32	384035	690	80	3/90
35	384040	690	80	3/90
40	384045	690	80	3/90



384045

### NH00

50	384050	690	80	3/60
63	384055	690	80	3/60
80	384060	690	80	3/60
100	384065	690	80	3/60
125	383070	500	120	3/60
160	383075	500	120	3/60



384065

### NH0

6	384110	690	80	3/42
10	384115	690	80	3/42
16	384120	690	80	3/42
20	384125	690	80	3/42
25	384130	690	80	3/42
32	384135	690	80	3/42
35	384140	690	80	3/42
40	384145	690	80	3/42
50	384150	690	80	3/42
63	384155	690	80	3/42
80	384160	690	80	3/42
100	384165	690	80	3/42
125	383170	500	120	3/42
160	383175	500	120	3/42



384165

### NH0 S

125	384170	690	80	3/30
160	384175	690	80	3/30
200	383180	500	120	3/30



384175

STANDARDS IEC 60269-1 IEC 60269-2 EN 60269-1 EN 60269-2 DIN 43620	APPROVALS RoHS compliant REACH SVHC
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## aM NH FUSE LINKS

500V  
690V

NHC1

$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
63	384235	690	80	3/30
80	384240	690	80	3/30
100	384245	690	80	3/30

NH1

125	384250	690	80	3/30
160	384255	690	80	3/30
200	384260	690	80	3/30
224	383265	500	120	3/30
250	383270	500	120	3/30

NHC2

125	384340	690	80	3/24
160	384345	690	80	3/24
200	384350	690	80	3/24

NH2

224	384355	690	80	3/18
250	384360	690	80	3/18
315	384370	690	80	3/18
355	384375	690	80	3/18
400	383380	500	120	3/18

NHC3

315	384445	690	80	3/18
355	384450	690	80	3/18

NH3

400	384455	690	80	3/18
425	384460	690	80	3/18
500	384465	690	80	3/18
630	383470	500	120	3/18

NH4

400	384510	690	80	1/6
500	384515	690	80	1/6
630	384520	690	80	1/6
800	384525	690	80	1/6
315	383505	500	120	1/6
400	383510	500	120	1/6
500	383515	500	120	1/6
630	383520	500	120	1/6
800	383525	500	120	1/6
1000	383530	500	120	1/6
1250	383535	500	120	1/6



384245



384260



384350



384375



384450



384465



384525

## gG WITH STRIKER NH FUSE LINKS

500V

Knife type (NH) fuse-links gG class for general use, with striker. Intended to be used with microswitch fuse bases. These high breaking capacity fuse-links are intended for protection of power lines and equipment, against overloads and short-circuits with rated voltages up to 500V AC(+10%). The rated breaking capacities are 120kA. The range comprises fuse-links from size NH0 up to NH4, with rated currents from 32A up to 1250A. Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allows a high breaking capacity. Knife contacts are made of silver plated copper or brass. They are manufactured according to IEC/EN60269 and VDE0636 Standards and comply with RoHS directive.

[www.df-sa.es/NH/fuse links/gG/striker/](http://www.df-sa.es/NH/fuse%20links/gG/striker/)

NH0 S

I <sub>n</sub> (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
32	395135	500	80	3/30
35	395140	500	80	3/30
40	395145	500	80	3/30
50	395150	500	80	3/30
63	395155	500	80	3/30
80	395160	500	80	3/30
100	395165	500	80	3/30
125	395170	500	120	3/30
160	395175	500	120	3/30
200*	395180	500	120	3/30

\* OVERRATING FUSE LINKS



395180

NH1

63	395235	500	80	3/30
80	395240	500	80	3/30
100	395245	500	80	3/30
125	395250	500	80	3/30
160	395255	500	80	3/30
200	395260	500	80	3/30
250	395270	500	120	3/30
315*	395280	500	120	3/30
355*	395285	500	120	3/30

\* OVERRATING FUSE LINKS



395270

STANDARDS

IEC 60269-1  
IEC 60269-2  
EN 60269-1  
EN 60269-2  
DIN 43620

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# NH FUSE LINKS

## gG WITH STRIKER NH FUSE LINKS

500V

### NH2

$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
125	395340	500	80	3/18
160	395345	500	80	3/18
200	395350	500	80	3/18
224	395355	500	80	3/18
250	395360	500	80	3/18
315	395370	500	80	3/18
355	395375	500	120	3/18
400	395380	500	120	3/18
425*	395385	500	120	3/18
500*	395390	500	120	3/18

\* OVERRATING FUSE LINKS



395380

### NH3

315	395445	500	80	3/18
355	395450	500	80	3/18
400	395455	500	80	3/18
425	395460	500	80	3/18
500	395465	500	80	3/18
630	395470	500	120	3/18



395470

### NH4

315	395505	500	120	1/6
400	395510	500	120	1/6
500	395515	500	120	1/6
630	395520	500	120	1/6
800	395525	500	120	1/6
1000	395530	500	120	1/6
1250*	395535	500	120	1/6

\* OVERRATING FUSE LINKS



395530

## gG WITH STRIKER NH FUSE LINKS

690V

Knife type (NH) fuse-links gG class for general use, with striker. Intended to be used with microswitch fuse bases. These high breaking capacity fuse-links are intended for protection of power lines and equipment, against overloads and short-circuits with rated voltages up to 690V(+5%). The rated breaking capacities are 80 kA. The range comprises fuse-links from size NH0 up to NH4, with rated currents from 32A up to 800A. Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allows a high breaking capacity. Knife contacts are made of silver plated copper or brass. They are manufactured according to IEC/EN60269 and VDE0636 Standards and comply with RoHS directive.

[www.df-sa.es/NH/fuse links/gG/striker/](http://www.df-sa.es/NH/fuse%20links/gG/striker/)

NH0S

In (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
32	396135	690	80	3/30
35	396140	690	80	3/30
40	396145	690	80	3/30
50	396150	690	80	3/30
63	396155	690	80	3/30
80	396160	690	80	3/30
100	396165	690	80	3/30



396165

NH1

63	396235	690	80	3/30
80	396240	690	80	3/30
100	396245	690	80	3/30
125	396250	690	80	3/30
160	396255	690	80	3/30
200	396260	690	80	3/30



396260

STANDARDS

IEC 60269-1  
IEC 60269-2  
EN 60269-1  
EN 60269-2  
DIN 43620

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CR 690V NH FUSE BASES

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# NH FUSE LINKS

## gG WITH STRIKER NH FUSE LINKS

690V

### NH2

$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
125	396340	690	80	3/18
160	396345	690	80	3/18
200	396350	690	80	3/18
224	396355	690	80	3/18
250	396360	690	80	3/18
315	396370	690	80	3/18



### NH3

315	396445	690	80	3/18
355	396450	690	80	3/18
400	396455	690	80	3/18
425	396460	690	80	3/18
500	396465	690	80	3/18



### NH4

400	396510	690	120	1/6
500	396515	690	120	1/6
630	396520	690	120	1/6
800	396525	690	120	1/6



## aM WITH STRIKER NH FUSE LINKS

500V  
690V

Knife type (NH) fuse-links, aM class for motor protection, with striker. Intended to be used with microswitch fuse bases. These high breaking capacity fuse-links are intended for short circuit protection in motors, transformer and other load with high in-rush currents, with rated voltages of 500V (+10%) or 690V (+5%). The rated breaking capacity is 80 kA at 690V or 120 kA at 500V. Excellent protection of switchgear (contactor, thermal switch) due to the good current limiting capability and low i<sup>2</sup>t values. These fuse links must be associated to an overload device protection (thermal switch). The range comprises fuse-links from size NHO up to NH4, with rated currents from 32A up to 1250A. Manufactured with ceramic body with high withstand to internal pressure and thermal shock, that allows a high breaking capacity. Melting elements are silver plated in order to avoid the aging and thus keep unalterable the electric characteristics. Knife contacts are made of silver plated copper or brass. They are manufactured according to IEC/EN60269 and VDE0636 Standards and comply with RoHS directive.

[www.df-sa.es/NH/fuse links/aM/striker/](http://www.df-sa.es/NH/fuse%20links/aM/striker/)

### NHO S

I <sub>n</sub> (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
32	398135	690	80	3/30
35	398140	690	80	3/30
40	398145	690	80	3/30
50	398150	690	80	3/30
63	398155	690	80	3/30
80	398160	690	80	3/30
100	398165	690	80	3/30
125	398170	690	80	3/30
160	398175	690	80	3/30
200	397180	500	120	3/30



### NH1

80	398240	690	80	3/30
100	398245	690	80	3/30
125	398250	690	80	3/30
160	398255	690	80	3/30
200	398260	690	80	3/30
250	397270	500	120	3/30



#### STANDARDS

IEC 60269-1  
IEC 60269-2  
EN 60269-1  
EN 60269-2  
DIN 43620

#### APPROVALS



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I<sup>2</sup>t CHARACTERISTICS AND POWER DISSIPATION

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## aM WITH STRIKER NH FUSE LINKS

500V  
690V

NH2

$I_n$ (A)	REFERENCE	U (V)	BREAKING CAPACITY (kA)	PACKING Uni./BOX
125	398340	690	80	3/18
160	398345	690	80	3/18
200	398350	690	80	3/18
250	398360	690	80	3/18
315	398370	690	80	3/18
355	398375	690	80	3/18
400	397380	500	120	3/18



397380

NH3

400	398455	690	80	3/18
425	398460	690	80	3/18
500	398465	690	80	3/18
630	397470	500	120	3/18



398465

NH4

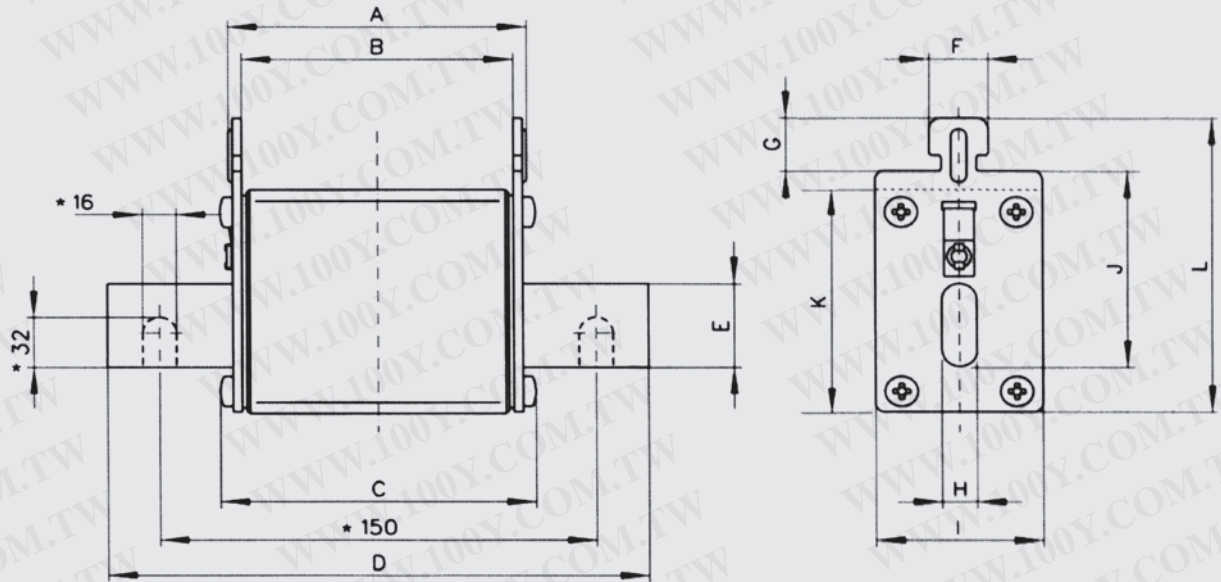
400	398510	690	80	1/6
500	398515	690	80	1/6
630	398520	690	80	1/6
800	398525	690	80	1/6
315	397505	500	120	1/6
400	397510	500	120	1/6
500	397515	500	120	1/6
630	397520	500	120	1/6
800	397525	500	120	1/6
1000	397530	500	120	1/6
1250	397535	500	120	1/6



398525

TECHNICAL  
**gG** TOP INDICATOR NH FUSE LINKS  
DIMENSIONS

**aM**

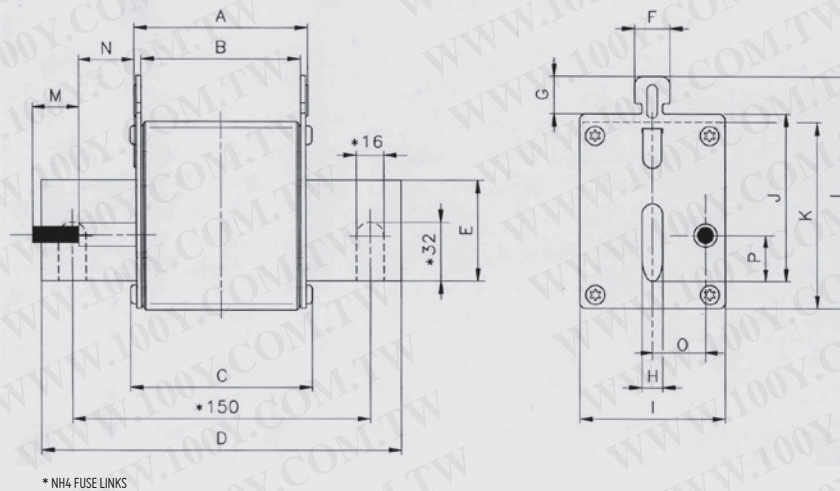


\* NH4 FUSE LINKS

SIZE	A	B	C	D	E	F	G	H	I	J	K	L
NH000	49	45	52	78,5	15	10	9,5	6	21	35	40	53
NH00	49	44	52	78,5	15	10	9,5	6	29	35	47	59
NH0	66	60,5	66,5	125	15	10	9,5	6	29	35	47	59
NH0 S	66	62	66,5	125	15	10	9,5	6	39	35	47	59
NHC1	68	62	70,5	135	15	10	9,5	6	29	40	47	64
NH1	68	62	71,5	135	20	10	9,5	6	39	40	52	64
NHC2	68	62	71,5	150	20	10	9,5	6	39	48	52	72
NH2	68	62	71,5	150	25	10	9,5	6	53	48	60	72
NHC3	68	62	71,5	150	25	10	9,5	6	53	60	60	84
NH3	68	62	73	150	32	10	9,5	6	70	60	75	87
NH4	68	62	76	200	50	10	10	8	102	87	105	120

TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
DIMENSIONS

**aM**



SIZE	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
NH0S	66	62	66,5	125	15	10	9,5	6	39	35	47	59	15	29	14,5	14
NH1	68	62	71,5	135	20	10	9,5	6	39	40	52	64	15	28,5	16	14,5
NH2	68	62	71,5	150	25	10	9,5	6	53	48	60	72	15	28,5	19	14,5
NH3	68	62	73	150	32	10	9,5	6	70	60	75	87	15	28	24	14,5
NH4	68	62	76	200	50	10	10	8	102	87	105	120	15	39	27,5	14,5

TECHNICAL  
**gG** NH FUSE LINKS  
DC APPLICATIONS

FUSE LINKS are generally suitable for both AC and DC applications. The DC performance of fuse-links is different and AC ratings cannot be used for DC applications. There is no simple rule that safely converts an AC voltage rating of a fuse-link to DC voltage rating. For this reason it is necessary to take into account a lot of aspects in order to determine the DC applications.

In the **DF ELECTRIC gG NH fuse links** it is necessary to take into account the following considerations:

- The power dissipations are the same in AC (RMS value) and the DC values.
- The time current characteristics are the same for DC applications under steady-state conditions.
- The DC rated voltage and maximum breaking capacity are lower than the AC values (see the table).
- In some sizes it is necessary to reduce the maximum rated current for DC applications (see the table).

SIZE	RATED VOLTAGES	DC BREAKING CAPACITY	MAX. RATED CURRENT FOR DC
00	500V AC → 125V DC 690V AC → 250V DC	25 kA	160 A
0	500V AC → 250V DC 690V AC → 440V DC	25 kA	160 A
1	500V AC → 250V DC 690V AC → 440V DC	25 kA	250 A
2	500V AC → 250V DC 690V AC → 440V DC	25 kA	400 A
3	500V AC → 250V DC 690V AC → 440V DC	25 kA	630 A
4	500V AC → 250V DC 690V AC → 440V DC	25 kA	1000 A

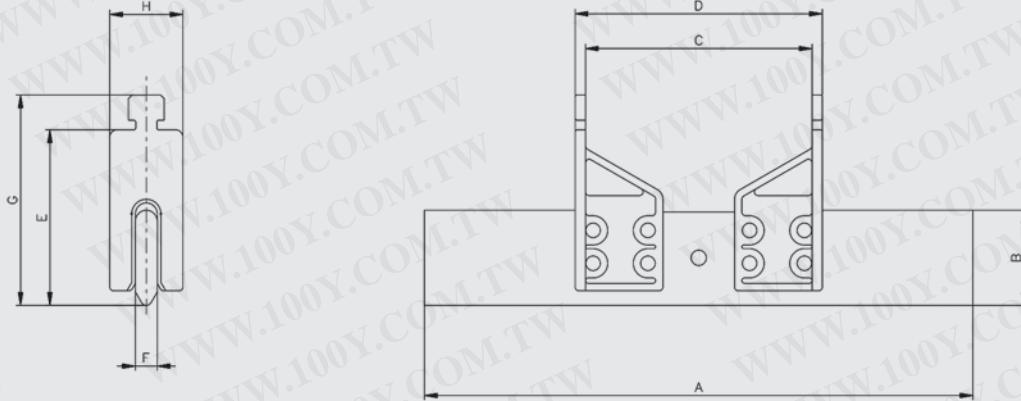
These values are referred to a time constant L/R = 15 ms.  
For higher values of time constant, the maximum utilization voltage must be reduced.  
For circuits with very inductive behaviour, we recommend to connect two fuse links in series.

TECHNICAL

## NEUTRAL LINK DIMENSIONS

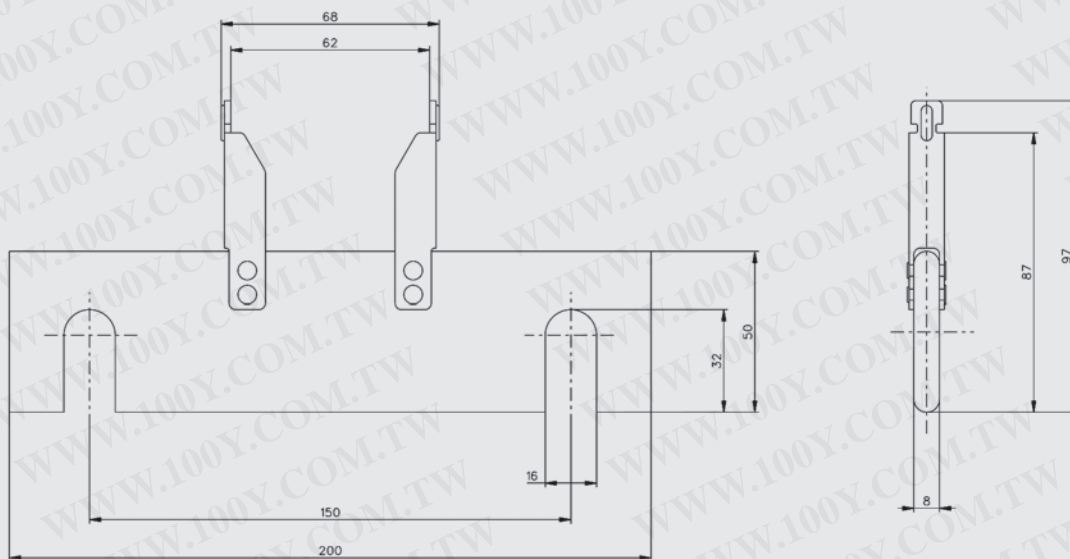
NH00  
NH0  
NH1

NH2  
NH3



SIZE	A	B	C	D	E	F	G	H
NH00	78,5	15	44,4	50	35	6	44,5	20
NH0	125	15	62	67,6	35	6	44,5	20
NH1	135	20	62	67,6	40	6	49,5	20
NH2	150	26	62	67,6	48	6	57,5	20
NH3	150	32	62	67,6	60	6	69,5	20

NH4

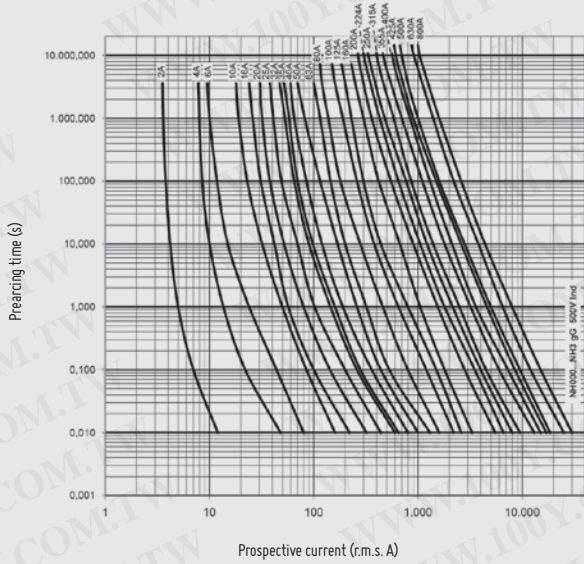


TECHNICAL  
**gG** NH FUSE LINKS  
t-I CHARACTERISTICS

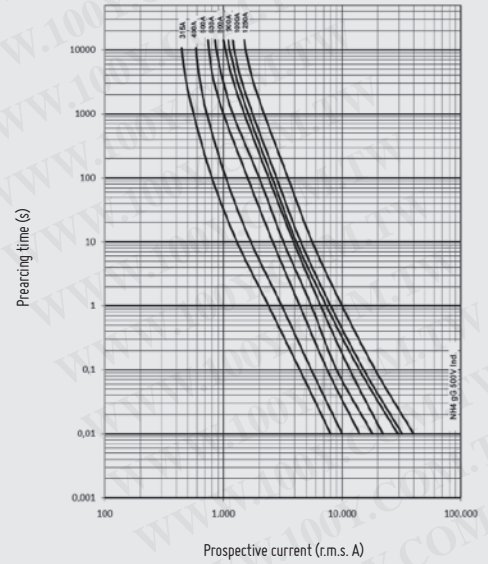
500V

NH000  
NH00  
NH0

NH1  
NH2  
NH3



NH4

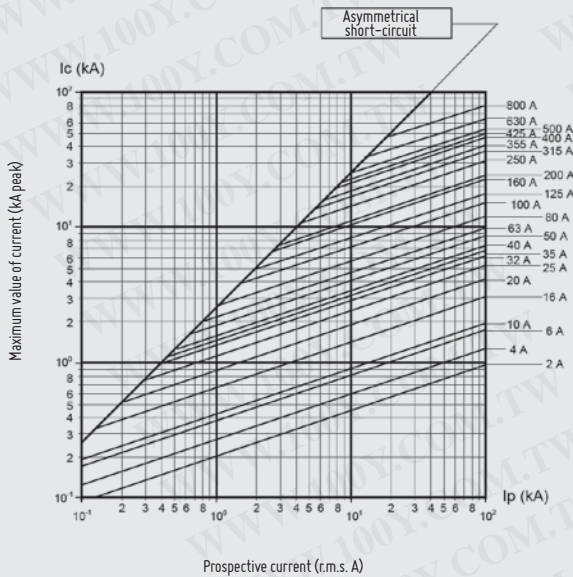


TECHNICAL  
**gG** NH FUSE LINKS  
CUT-OFF CHARACTERISTICS

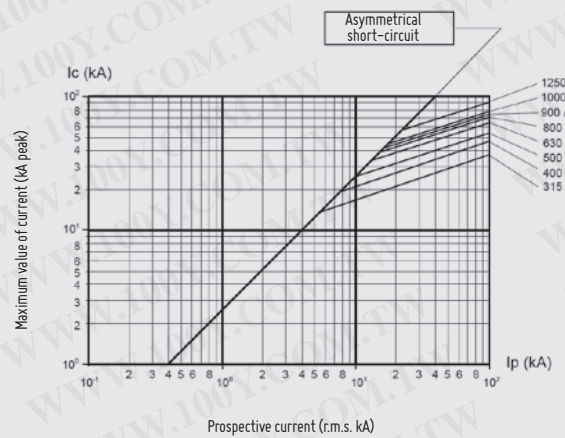
500V

NH000  
NH00  
NH0

NH1  
NH2  
NH3



NH4



TECHNICAL  
**gG** NH FUSE LINKS  
I<sup>2</sup>t CHARACTERISTICS

500V

NH000  
NH00  
NH0

NH1  
NH2  
NH3

NH4

I <sub>n</sub> (A)	Prearcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> s)	Total I <sup>2</sup> t 230 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 400 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 500 V (A <sup>2</sup> s)
2	–	2,2	2,8	3,3
4	32	46	59	69
6	103	145	188	218
10	128	197	270	324
16	290	444	607	730
20	605	926	1267	1.524
25	1.160	1.774	2428	2.920
32	2.779	4.100	5467	6.475
35	3.190	4.710	6276	7.433
40	4.594	6.780	9037	10.700
50	5.600	11.075	14.772	17.500
63	5.700	16.600	15.800	22.000
80	9.838	18.600	29.823	39.350
100	20.400	38.600	61.962	81.800
125	40.500	70.900	107.301	136.895
160	78.400	137.000	207.711	265.000
200	98.100	159.600	228.666	282.540
224	138.300	225.000	322.455	398.400
250	169.000	274.700	393.447	486.000
315	236.700	435.300	682.917	890.000
355	290.960	535.100	839.445	1.094.000
400	444.000	816.600	1.281.297	1.670.000
425	589.800	998.400	1.473.145	1.851.960
500	900.000	1.523.400	2.247.948	2.826.000
630	1.600.000	2.707.400	3.993.806	5.020.000
800	2.500.000	4.231.800	6.244.300	7.850.000
315	269.400	363.200	452.900	660.000
400	471.400	635.400	792.400	1.154.800
500	851.400	1.147.800	1.431.300	2.085.900
630	1.609.600	2.169.900	2.706.000	3.943.600
800	2.248.200	3.030.700	3.779.400	5.507.900
900	3.405.500	4.590.900	5.725.100	8.343.400
1000	4.310.000	5.810.500	7.246.000	10.560.000
1250	7.541.100	10.166.200	12.677.700	18.475.700

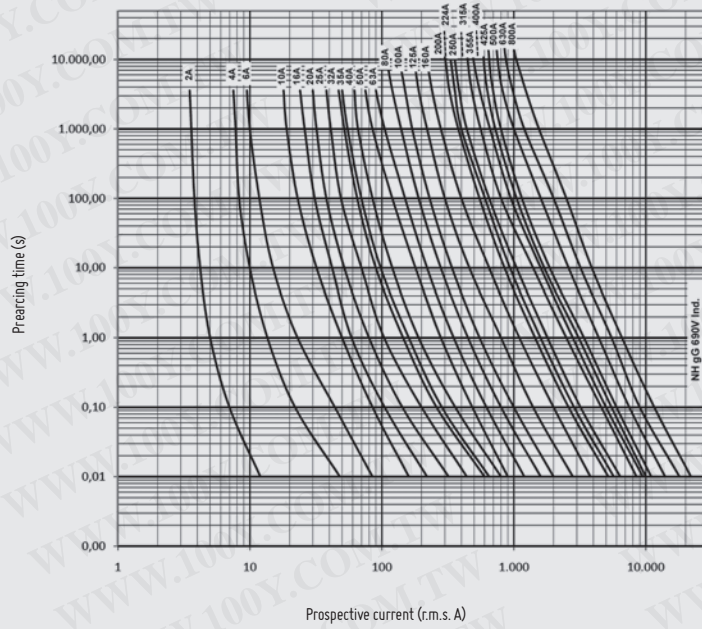
TECHNICAL  
**gG** NH FUSE LINKS  
POWER DISSIPATION

500V

I <sub>n</sub> (A)	SIZE							
	NH000 (W)	NH00 (W)	NH0/NH0S (W)	NH1 (W)	NH2 (W)	NH3 (W)	NH4 (W)	
2	0,83	–	–	–	–	–	–	
4	0,65	–	–	–	–	–	–	
6	0,88	–	1,3	–	–	–	–	
10	1,1	–	1,3	–	–	–	–	
16	2,0	–	2,8	–	–	–	–	
20	2,3	–	3,0	–	–	–	–	
25	2,8	–	3,6	–	–	–	–	
32	3,3	–	4,5	–	–	–	–	
35	3,5	–	4,8	–	–	–	–	
40	4,0	–	5,2	–	–	–	–	
50	5,1	–	6,7	5,5	–	–	–	
63	6,1	–	7,0	6,6	6,3	–	–	
80	6,7	–	7,2	7,7	7,9	–	–	
100	7,4	–	8,3	8,5	8,2	–	–	
125	–	9,0	10,9	10,9	10,3	–	–	
160	–	10,3	11,7	12,6	13,1	–	–	
200	–	–	15,5	17,0	16,6	–	–	
224	–	–	17,7	17,5	18,6	–	–	
250	–	–	20,2	20,2	20,6	21,0	–	
315	–	–	–	27,4	26,7	25,6	26,1	
355	–	–	–	35,8	29,0	30,6	–	
400	–	–	–	–	32,3	32,6	32,7	
425	–	–	–	–	35,2	33,5	–	
500	–	–	–	–	40,0	36,4	37,0	
630	–	–	–	–	–	45,5	47,0	
800	–	–	–	–	–	66,5	68,0	
900	–	–	–	–	–	–	76,0	
1000	–	–	–	–	–	–	80,0	
1250	–	–	–	–	–	–	108,0	

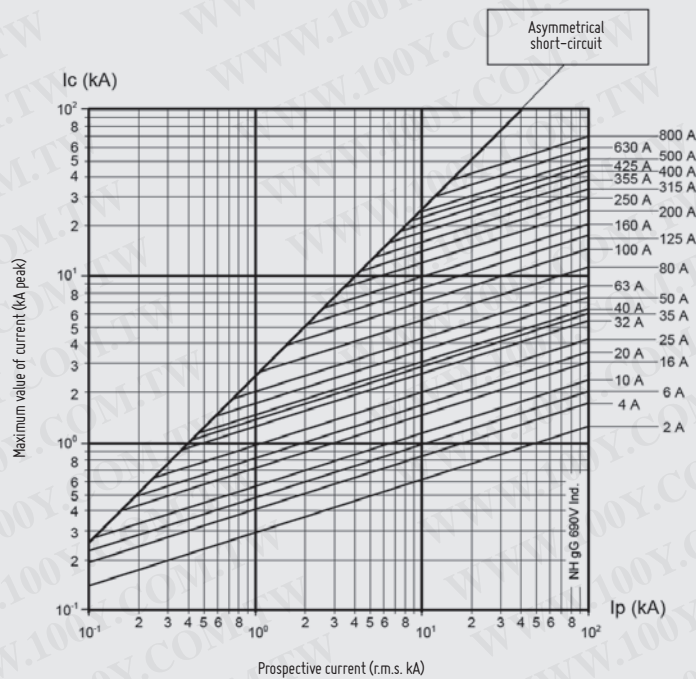
TECHNICAL  
**gG** NH FUSE LINKS  
t-I CHARACTERISTICS

690V



TECHNICAL  
**gG** NH FUSE LINKS  
CUT-OFF CHARACTERISTICS

690V



TECHNICAL  
**gG** NH FUSE LINKS  
I<sup>2</sup>t CHARACTERISTICS

690V

I <sub>n</sub> (A)	Prearcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> s)	Total I <sup>2</sup> t 400 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 500 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 690 V (A <sup>2</sup> s)
2	1,5	2,9	3,4	4,5
4	32	60	70	95
6	103	191	223	300
10	114	241	291	415
16	255	542	654	935
20	584	1.240	1.496	2.140
25	1.120	2.376	2.868	4.100
32	3.064	4.840	5.426	6.740
35	3.517	5.556	6.229	7.740
40	4.650	8.001	8.970	11.150
50	4.800	8.574	10.310	14.630
63	6.600	13.805	16.602	23.571
80	11.700	24.472	29.430	41.786
100	21.000	43.925	52.824	75.000
125	24.000	49.436	59.225	83.478
160	50.000	102.992	123.385	173.913
200	92.000	189.505	227.028	320.000
224	118.000	232.417	275.337	379.924
250	167.000	328.929	389.671	537.689
315	264.000	519.983	616.007	850.000
355	326.000	667.612	798.639	1.122.590
400	402.000	823.251	984.825	1.384.298
425	409.000	837.586	1.001.973	1.408.402
500	726.000	1.486.767	1.778.564	2.500.000
630	1.373.000	2.800.000	3.360.000	4.725.000
800	1.918.000	3.930.000	4.700.000	6.600.000

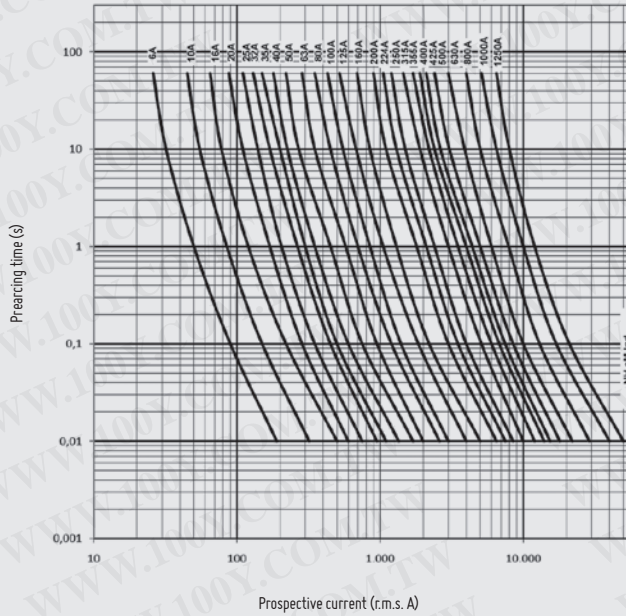
TECHNICAL  
**gG** NH FUSE LINKS  
POWER DISSIPATION

690V

I <sub>n</sub> (A)	SIZE							
	NH000 (W)	NH00 (W)	NH0 (W)	NH1 (W)	NH2 (W)	NH3 (W)	NH4 (W)	
2	0,83	–	–	–	–	–	–	
4	0,65	–	–	–	–	–	–	
6	0,90	–	1,3	–	–	–	–	
10	1,1	–	1,3	–	–	–	–	
16	2,0	–	2,8	–	–	–	–	
20	2,3	–	3,0	–	–	–	–	
25	2,8	–	3,6	–	–	–	–	
32	3,3	–	4,5	–	–	–	–	
35	3,5	–	4,8	–	–	–	–	
40	4,0	–	5,2	–	–	–	–	
50	–	4,7	5,4	5,2	–	–	–	
63	–	6,1	6,9	7,1	7,0	–	–	
80	–	7,0	8,4	7,9	8,2	–	–	
100	–	9,0	10,2	10,2	10,5	–	–	
125	–	–	–	12,3	11,7	–	–	
160	–	–	–	13,4	16,9	–	–	
200	–	–	–	16,9	17,0	–	–	
224	–	–	–	–	21,9	–	–	
250	–	–	–	–	23,0	22,6	–	
315	–	–	–	–	30,0	30,0	–	
355	–	–	–	–	–	30,5	–	
400	–	–	–	–	–	36,1	32,7	
425	–	–	–	–	–	37,4	–	
500	–	–	–	–	–	45,0	37,0	
630	–	–	–	–	–	–	47,0	
800	–	–	–	–	–	–	70,0	

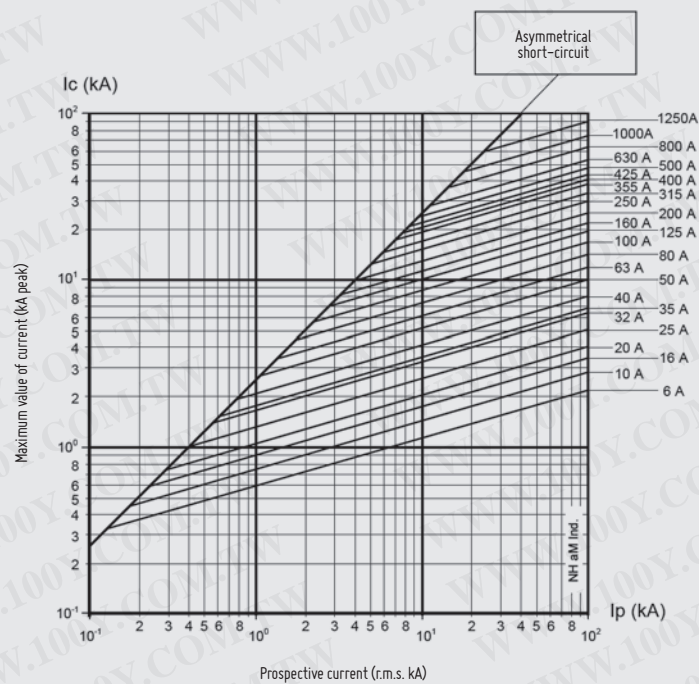
TECHNICAL  
**aM** NH FUSE LINKS  
t-I CHARACTERISTICS

500V  
690V



TECHNICAL  
**aM** NH FUSE LINKS  
CUT-OFF CHARACTERISTICS

500V  
690V



TECHNICAL  
**aM** NH FUSE LINKS  
I<sup>2</sup>t CHARACTERISTICS

500V  
690V

I <sub>n</sub> (A)	Prearcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> s)	Total I <sup>2</sup> t 400 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 500 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 690 V (A <sup>2</sup> s)
6	160	324	387	542
10	325	659	786	1.100
16	820	1.619	1.919	2.650
20	1.240	2.634	3.179	4.547
25	2.500	5.310	6.410	9.167
32	3.200	6.796	8.204	11.733
35	4.100	8.708	10.512	15.033
40	6.000	12.743	15.383	22.000
50	9.000	18.820	22.632	32.130
63	16.300	33.697	40.405	57.050
80	19.600	40.519	48.586	68.600
100	36.000	74.423	89.239	126.000
125	53.000	99.787	116.890	157.872
160	82.000	154.388	180.848	244.255
200	167.000	314.425	368.313	497.447
224	240.000	451.868	529.312	714.894
250	291.000	547.890	641.790	866.809
315	463.000	871.728	1.021.130	1.379.149
355	470.000	884.908	1.036.568	1.400.000
400	502.000	1.080.129	1.308.183	1.882.500
425	582.000	1.252.261	1.516.658	2.182.500
500	760.000	1.635.254	1.980.516	2.850.000
630	1.423.000	3.061.799	3.708.255	5.336.250
800	1.880.000	3.824.516	4.567.527	6.400.000
1000	4.500.000	9.388.131	11.282.902	-
1250	7.000.000	14.641.519	17.607.924	-

TECHNICAL  
**aM** NH FUSE LINKS  
POWER DISSIPATION

500V  
690V

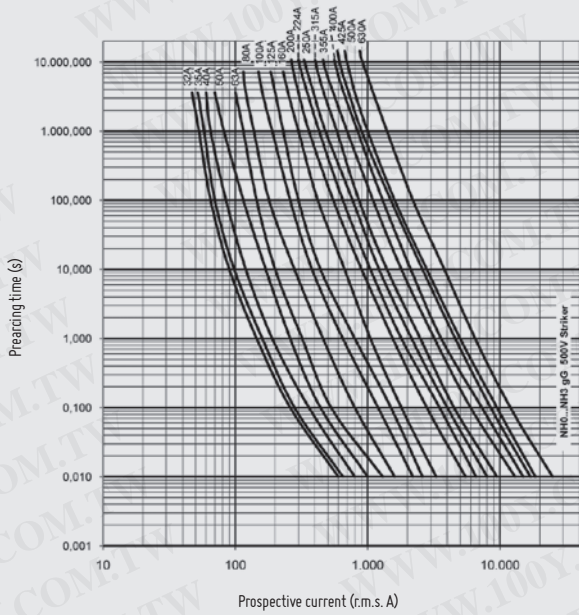
I <sub>n</sub> (A)	SIZE						
	NH000 (W)	NH00 (W)	NH0 (W)	NH1 (W)	NH2 (W)	NH3 (W)	NH4 (W)
6	0,33	-	0,4	-	-	-	-
10	0,55	-	0,7	-	-	-	-
16	0,85	-	1,1	-	-	-	-
20	1,0	-	1,4	-	-	-	-
25	1,1	-	1,6	-	-	-	-
32	1,6	-	1,9	-	-	-	-
35	1,8	-	2,0	-	-	-	-
40	1,9	-	2,3	-	-	-	-
50	-	2,4	3,1	-	-	-	-
63	-	3,2	4,1	4,1	-	-	-
80	-	4,3	5,0	5,1	-	-	-
100	-	5,2	6,6	6,8	-	-	-
125	-	6,7	8,2	8,7	8,7	-	-
160	-	9,0	10,5	9,7	9,9	-	-
200	-	-	12,3	13,8	13,7	-	-
224	-	-	-	14,6	14,0	-	-
250	-	-	-	18,1	16,5	-	-
315	-	-	-	-	22,0	20,5	18,8
355	-	-	-	-	27,3	24,1	-
400	-	-	-	-	27,8	25,5	23,5
425	-	-	-	-	-	28,5	-
500	-	-	-	-	-	34,5	34
630	-	-	-	-	-	45,9	49
800	-	-	-	-	-	-	52
1000	-	-	-	-	-	-	80
1250	-	-	-	-	-	-	108

TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
t-I CHARACTERISTICS

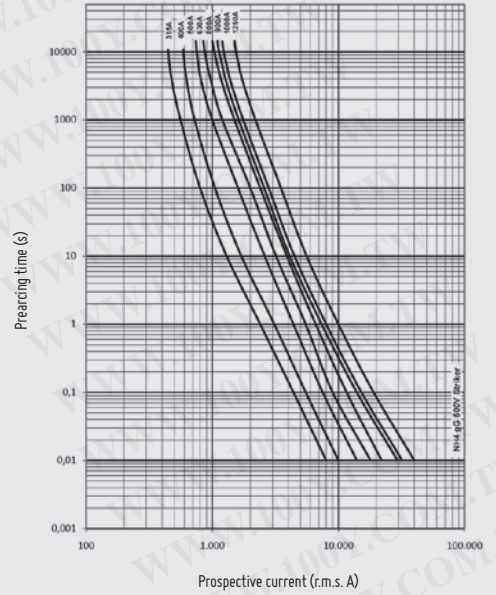
500V

NH0 S  
NH1  
NH2

NH3



NH4

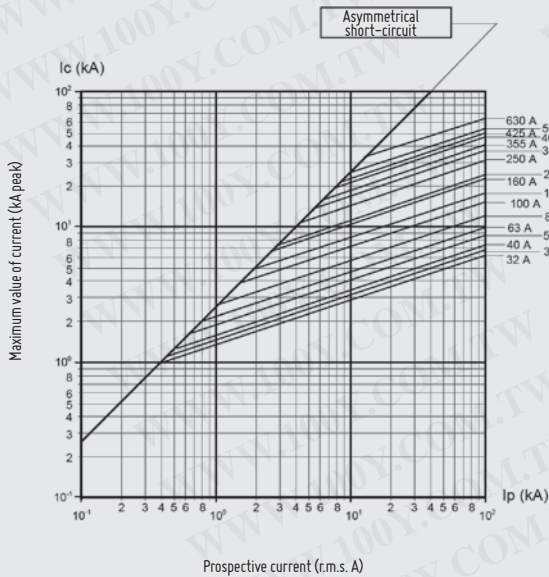


TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
CUT-OFF CHARACTERISTICS

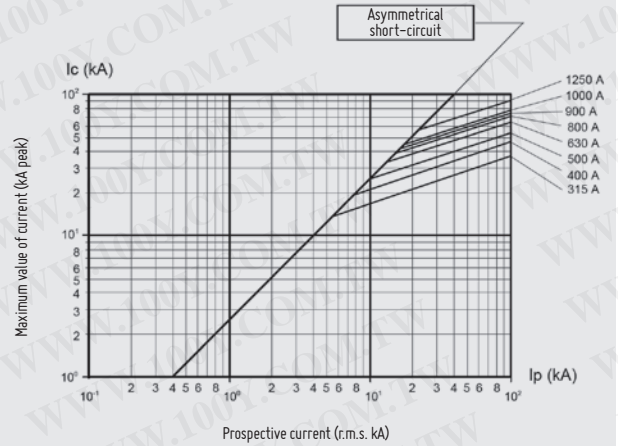
500V

NH0 S  
NH1  
NH2

NH3



NH4



TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
I<sup>2</sup>t CHARACTERISTICS

500V

I <sub>n</sub> (A)	Prearcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> s)	Total I <sup>2</sup> t 230 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 400 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 500 V (A <sup>2</sup> s)
32	2.779	4.100	5467	6.475
35	3.190	4.710	6276	7.433
40	4.594	6.780	9037	10.700
50	5.600	11.075	14.772	17.500
63	5.700	16.600	15.800	22.000
80	9.838	18.600	29.823	39.350
100	20.400	38.600	61.962	81.800
125	40.500	70.900	107.301	136.895
160	78.400	137.000	207.711	265.000
200	98.100	159.600	228.666	282.540
224	138.300	225.000	322.455	398.400
250	169.000	274.700	393.447	486.000
315	236.700	435.300	682.917	890.000
355	290.960	535.100	839.445	1.094.000
400	444.000	816.600	1.281.297	1.670.000
425	589.800	998.400	1.473.145	1.851.960
500	900.000	1.523.400	2.247.948	2.826.000
630	1.600.000	2.707.400	3.993.806	5.020.000
800	2.500.000	4.231.800	6.244.300	7.850.000

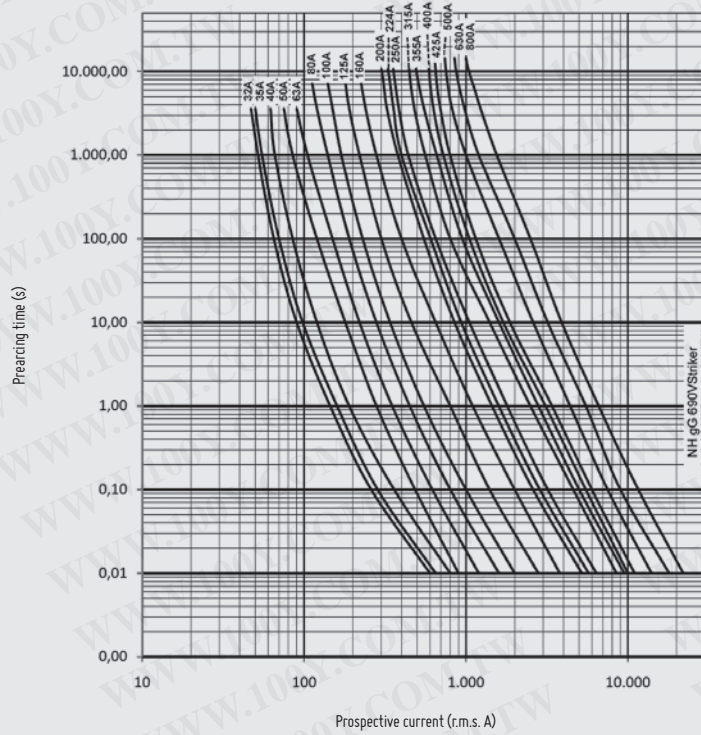
TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
POWER DISSIPATION

500V

I <sub>n</sub> (A)	SIZE				
	NH0 S (VW)	NH1 (VW)	NH2 (VW)	NH3 (VW)	NH4 (VW)
32	4,5	–	–	–	–
35	4,8	–	–	–	–
40	5,2	–	–	–	–
50	6,7	–	–	–	–
63	7,0	6,4	–	–	–
80	7,2	7,8	–	–	–
100	8,3	8,8	–	–	–
125	10,9	10,8	10,2	–	–
160	11,7	12,7	13,2	–	–
200	15,5	17,0	15,8	–	–
224	17,7	17,5	18,6	–	–
250	20,2	20,2	20,6	–	–
315	–	27,4	26,7	22,8	26,1
355	–	35,8	29,0	26,7	–
400	–	–	32,3	28,4	32,7
425	–	–	35,2	33,5	–
500	–	–	40,0	36,4	37,0
630	–	–	–	45,5	47,0
800	–	–	–	–	68,0
900	–	–	–	–	76,0
1000	–	–	–	–	80,0
1250	–	–	–	–	108,0

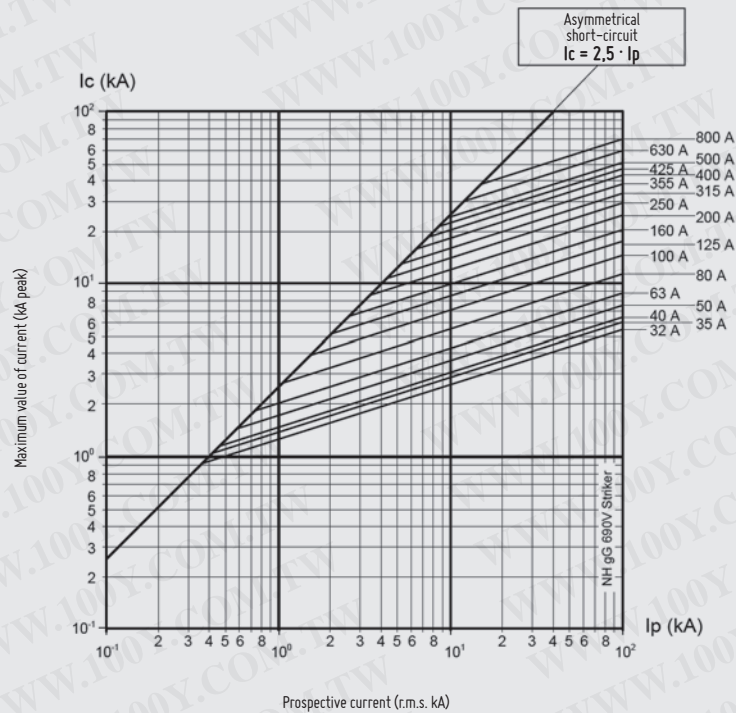
TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
t-I CHARACTERISTICS

690V



TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
CUT-OFF CHARACTERISTICS

690V



TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
I<sup>2</sup>t CHARACTERISTICS

690V

I <sub>n</sub> (A)	Prearcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> s)	Total I <sup>2</sup> t 400 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 500 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 690 V (A <sup>2</sup> s)
32	3.064	4.840	5.426	6.740
35	3.517	5.556	6.229	7.740
40	4.650	8.001	8.970	11.150
50	4.800	8.574	10.310	14.630
63	6.600	13.805	16.602	23.571
80	11.700	24.472	29.430	41.786
100	21.000	43.925	52.824	75.000
125	24.000	49.436	59.225	83.478
160	50.000	102.992	123.385	173.913
200	92.000	189.505	227.028	320.000
224	118.000	232.417	275.337	379.924
250	167.000	328.929	389.671	537.689
315	264.000	519.983	616.007	850.000
355	326.000	667.612	798.639	1.122.590
400	402.000	823.251	984.825	1.384.298
425	409.000	837.586	1.001.973	1.408.402
500	726.000	1.486.767	1.778.564	2.500.000
630	1.373.000	2.800.000	3.360.000	4.725.000
800	1.918.000	3.930.000	4.700.000	6.600.000

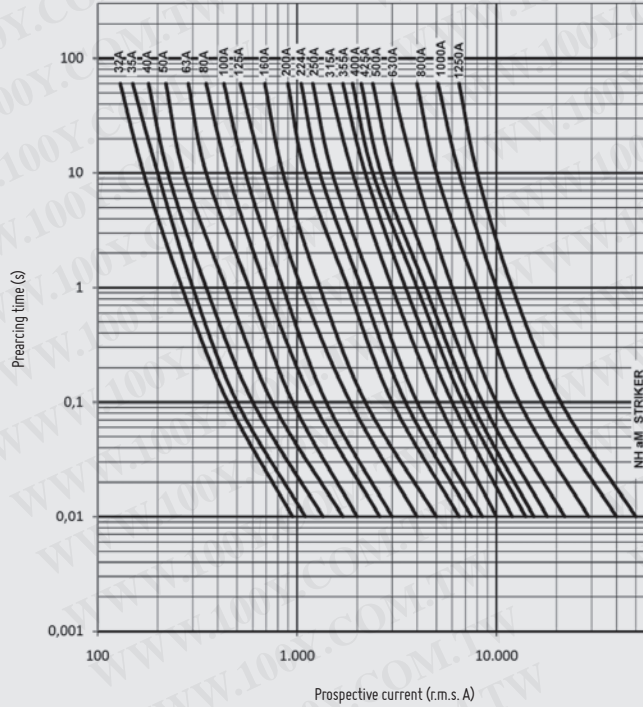
TECHNICAL  
**gG** WITH STRIKER NH FUSE LINKS  
POWER DISSIPATION

690V

I <sub>n</sub> (A)	SIZE				
	NH0 S (VW)	NH1 (VW)	NH2 (VW)	NH3 (VW)	NH4 (VW)
32	4,5	–	–	–	–
35	4,8	–	–	–	–
40	5,2	–	–	–	–
50	5,4	–	–	–	–
63	6,9	7,5	–	–	–
80	8,4	8,2	–	–	–
100	10,2	10,3	–	–	–
125	–	12,3	12,5	–	–
160	–	13,4	14,4	–	–
200	–	16,9	15,8	–	–
224	–	–	21,9	–	–
250	–	–	23,0	–	–
315	–	–	30,0	26,8	–
355	–	–	–	30,5	–
400	–	–	–	36,1	32,7
425	–	–	–	37,4	–
500	–	–	–	45,0	37,0
630	–	–	–	–	47,0
800	–	–	–	–	70,0

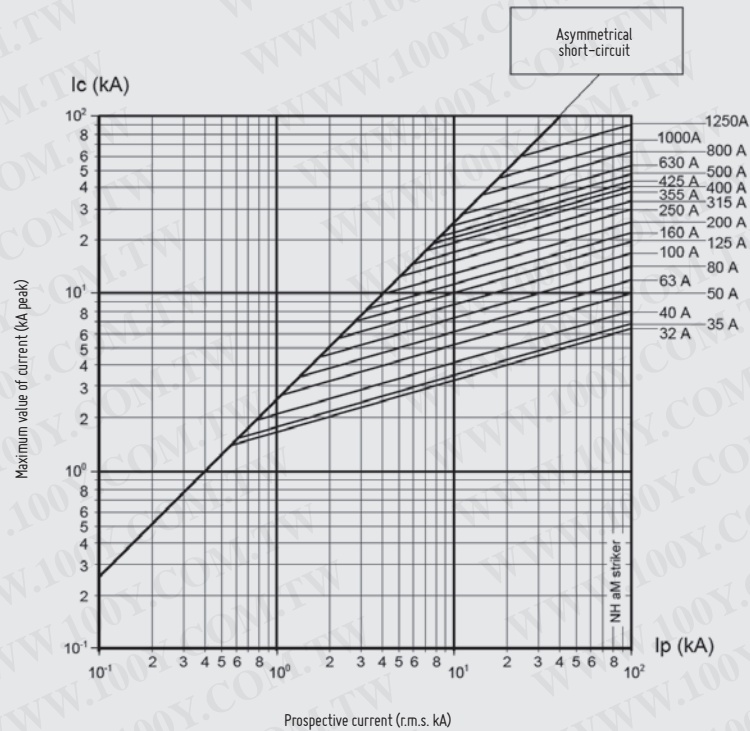
TECHNICAL  
**aM** WITH STRIKER NH FUSE LINKS  
t-I CHARACTERISTICS

500V  
690V



TECHNICAL  
**aM** WITH STRIKER NH FUSE LINKS  
CUT-OFF CHARACTERISTICS

500V  
690V



TECHNICAL  
**aM** WITH STRIKER NH FUSE LINKS  
I<sup>2</sup>t CHARACTERISTICS


500V  
690V

I <sub>n</sub> (A)	Prearcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> s)	Total I <sup>2</sup> t 400 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 500 V (A <sup>2</sup> s)	Total I <sup>2</sup> t 690 V (A <sup>2</sup> s)
32	3.064	4.840	5.426	6.740
35	3.517	5.556	6.229	7.740
40	4.650	8.001	8.970	11.150
50	4.800	8.574	10.310	14.630
63	6.600	13.805	16.602	23.571
80	11.700	24.472	29.430	41.786
100	21.000	43.925	52.824	75.000
125	24.000	49.436	59.225	83.478
160	50.000	102.992	123.385	173.913
200	92.000	189.505	227.028	320.000
224	118.000	232.417	275.337	379.924
250	167.000	328.929	389.671	537.689
315	264.000	519.983	616.007	850.000
355	326.000	667.612	798.639	1.122.590
400	402.000	823.251	984.825	1.384.298
425	409.000	837.586	1.001.973	1.408.402
500	726.000	1.486.767	1.778.564	2.500.000
630	1.373.000	2.800.000	3.360.000	4.725.000
800	1.918.000	3.930.000	4.700.000	6.600.000

TECHNICAL  
**aM** WITH STRIKER NH FUSE LINKS  
POWER DISSIPATION

500V  
690V

I <sub>n</sub> (A)	NH0S (W)	NH1 (W)	SIZE NH2 (W)	NH3 (W)	NH4 (W)
32	1,8	-	-	-	-
35	1,9	-	-	-	-
40	2,4	-	-	-	-
50	3,0	-	-	-	-
63	4,0	-	-	-	-
80	5,4	4,9	-	-	-
100	6,6	6,6	-	-	-
125	8,3	8,7	8,4	-	-
160	10,5	9,7	10,4	-	-
200	12,3	13,8	14,3	-	-
224	-	14,6	14,0	-	-
250	-	18,1	16,5	-	-
315	-	-	22,0	-	18,8
355	-	-	27,3	-	-
400	-	-	27,8	25,5	23,5
425	-	-	-	28,5	-
500	-	-	-	34,5	34
630	-	-	-	45,9	49
800	-	-	-	-	52
1000	-	-	-	-	80
1250	-	-	-	-	108

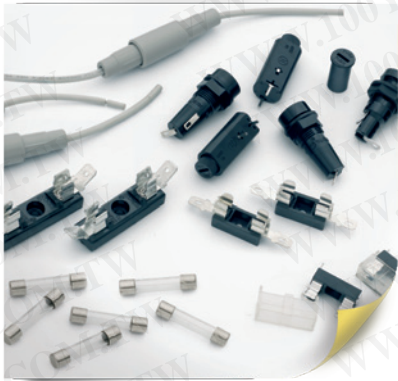


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