

gG NH 400V

fuse links



**PROTECTING
THE WORLD**

NH000

RATED VOLTAGE
400V

RATED CURRENT
10A...100A

BREAKING CAPACITY
120kA



I_n (A)	REFERENCE	PACKING Uni /BOX
10	380015	3/90
16	380020	3/90
20	380025	3/90
25	380030	3/90
32	380035	3/90
35	380040	3/90
40	380045	3/90
50	380050	3/90
63	380055	3/90
80	380060	3/90
100	380065	3/90

NH00

RATED VOLTAGE
400V

RATED CURRENT
125A | 160A

BREAKING CAPACITY
120kA



I_n (A)	REFERENCE	PACKING Uni /BOX
125	380070	3/60
160	380075	3/60

NH1

NHC1

RATED VOLTAGE
400V

RATED CURRENT
50A...250A

BREAKING CAPACITY
120kA



	I_n (A)	REFERENCE	PACKING Uni /BOX
NHC1	50	380230	3/30
	63	380235	3/30
	80	380240	3/30
	100	380245	3/30
	125	380250	3/30
NH1	160	380255	3/30
	200	380260	3/30
	224	380265	3/30
	250	380270	3/30

Range



RATED VOLTAGE
 400V

RATED CURRENT
 100A...400A

BREAKING CAPACITY
 120kA

	I_n (A)	REFERENCE	PACKING Uni /BOX
NHC2	100	380335	3/24
	125	380340	3/24
	160	380345	3/24
	200	380350	3/24
	224	380355	3/24
NH2	250	380360	3/24
	315	380370	3/30
	355	380375	3/30
	400	380380	3/30



RATED VOLTAGE
 400V

RATED CURRENT
 315A...630A

BREAKING CAPACITY
 120kA

	I_n (A)	REFERENCE	PACKING Uni /BOX
NHC3	315	380445	3/18
	355	380450	3/18
	400	380455	3/18
NH3	500	380465	3/18
	630	380470	3/18

Technical data

Rated voltage	400V AC +10%
Rated current	10A...630A
Rated breaking capacity	120kA
Operating class	gG
Rated frequency	42...62Hz
Storage temperature	-40°C ... 90°C
Operating temperature *	-40°C ... 80°C

* For ambient temperatures higher than 25°C it is necessary to apply a derating in maximum current.

Materials

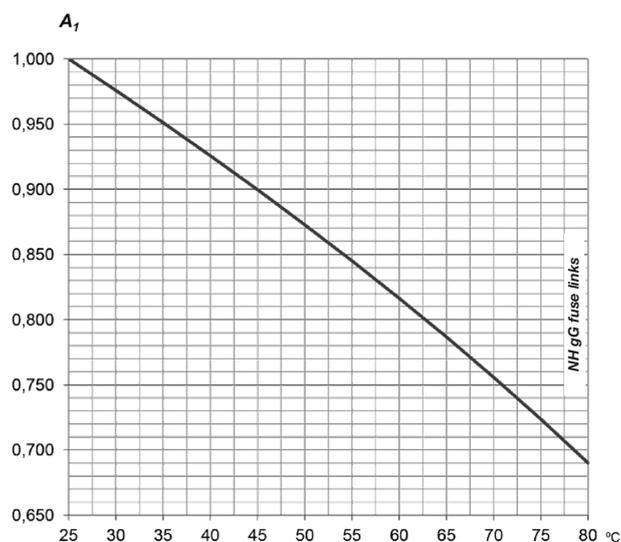
Body	Steatite C221
Contact blades	Copper or brass (silver plated)
Plates	Aluminium
Screws	Zinc plated steel

Standards

IEC/EN 60269-1
 IEC/EN 60269-2
 RoHS Compliant



Ambient temperature derating factor



t_a (°C)	A_1
25	1,00
30	0,98
35	0,95
40	0,93
45	0,90
50	0,87
55	0,84
60	0,82
65	0,79
70	0,76
75	0,72
80	0,69

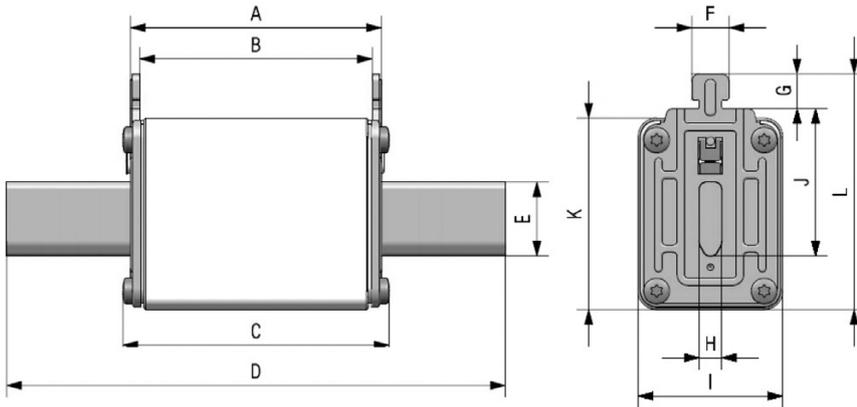
Power dissipation

I _n	NH000	NH00	NH1		NH2		NH3	
			NHC1	NH1	NHC2	NH2	NHC3	NH3
(A)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)
10	1,1							
16	1,8							
20	2,0							
25	2,4							
32	2,9							
35	3,2							
40	3,5							
50	3,7		4,6					
63	4,6		6,0					
80	4,9		6,5					
100	5,5		7,8		7,7			
125		7,2	9,8		9,2			
160		9,5	13,5		12,5			
200				12,5	13,9			
224				14,4	15,7			
250				15,3	17,0			
315						19,9	19,5	
355						21,3	22,2	
400						25,5	25,5	
500								32,0
630								38,5

I²t Values

	I _n	PREARCING I ² t	TOTAL I ² t 230V	TOTAL I ² t 400V
	10	62	150	290
	16	200	490	950
	20	415	1025	1980
	25	800	1950	3800
	32	2670	4050	5500
	35	3100	4700	6380
	40	4570	6920	9400
	50	6430	11100	16600
	63	9800	16960	25430
NH000	80	16600	32300	52840
NH00	100	29800	56140	89650
NH1	125	49300	78300	110300
NH2	160	85000	134980	190000
NH3	200	111550	198100	302850
	224	145700	258750	395600
	250	205500	365000	558000
	315	421200	526600	621100
	355	533100	666500	786100
	400	796400	995650	1174300
	500	958700	1411000	1877500
	630	1870600	2753000	3663200

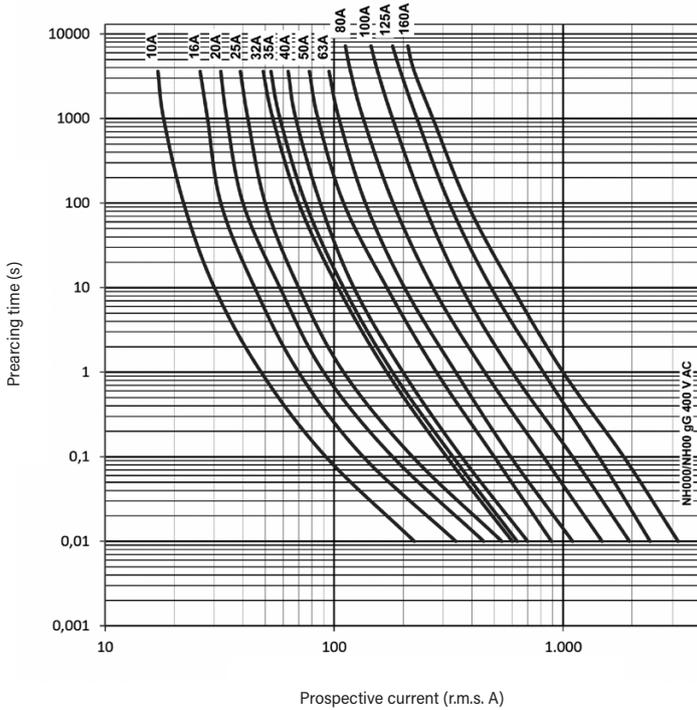
Dimensions



	A	B	C	D	E	F	G	H	I	J	K	L	Weight
NH000	49	45	52	78,5	15	10	9,5	6	21	35	40	53	120gr
NH00	49	44	52	78,5	15	10	9,5	6	29	35	47	59	180gr
NHC1	68	62	70,5	135	15	10	9,5	6	29	40	47	64	270gr
NH1	68	62	71,5	135	20	10	9,5	6	39	40	52	64	380gr
NHC2	68	62	71,5	150	20	10	9,5	6	39	48	52	72	470gr
NH2	68	62	71,5	150	25	10	9,5	6	53	48	60	72	620gr
NHC3	68	62	71,5	150	25	10	9,5	6	53	60	60	84	630gr
NH3	68	62	73	150	32	10	9,5	6	70	60	75	87	1,02kg

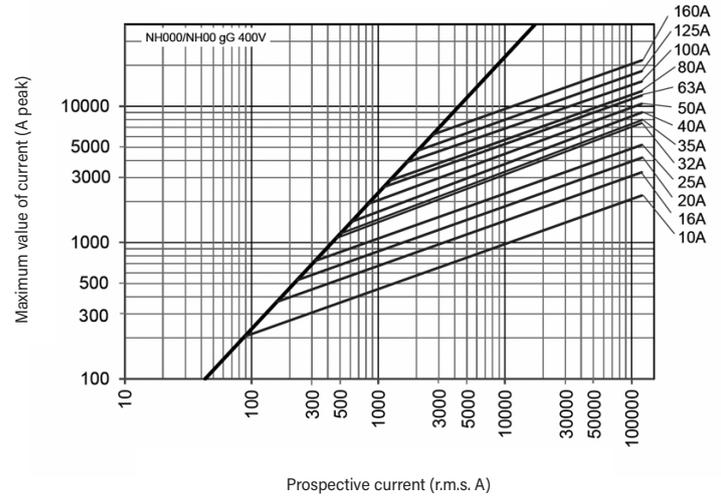
t-I characteristics

NH000 | NH00 fuse links



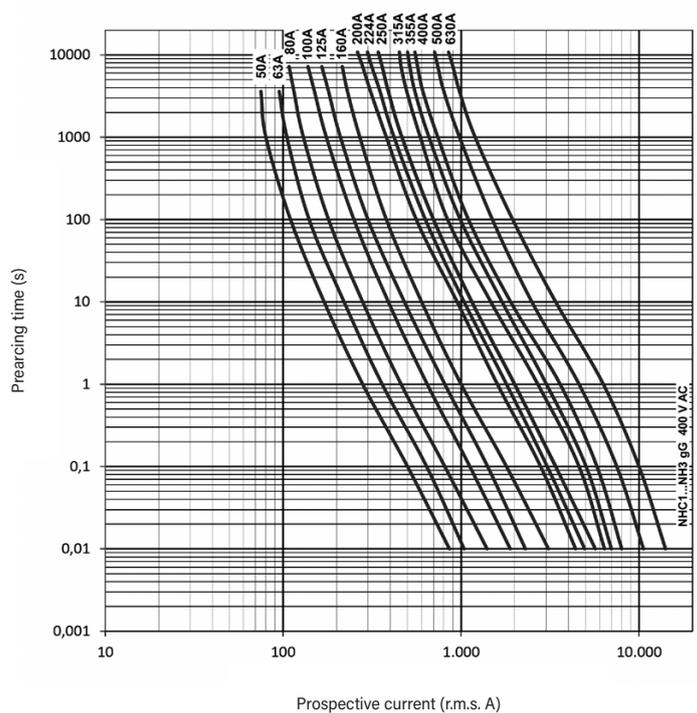
Cut-off characteristics

NH000 | NH00 fuse links



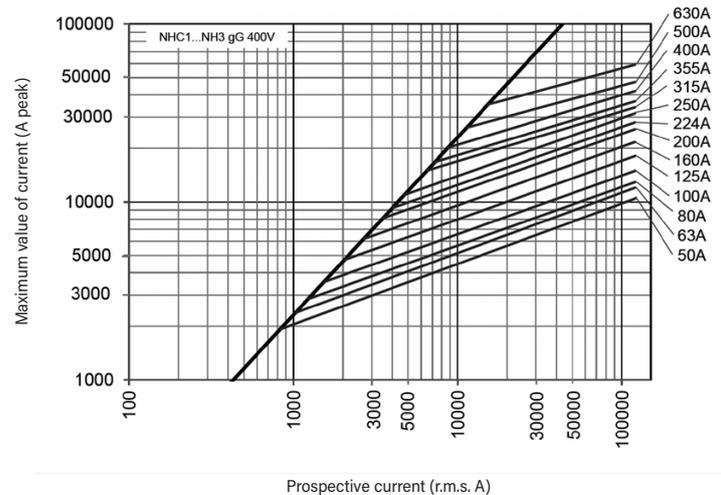
t-I characteristics

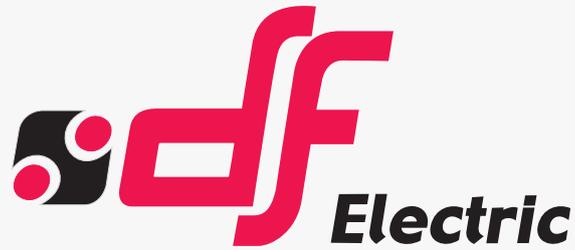
NHC1...NH3 fuse links



Cut-off characteristics

NHC1...NH3 fuse links





PROTECTING THE WORLD

HEAD OFFICE AND FACTORY

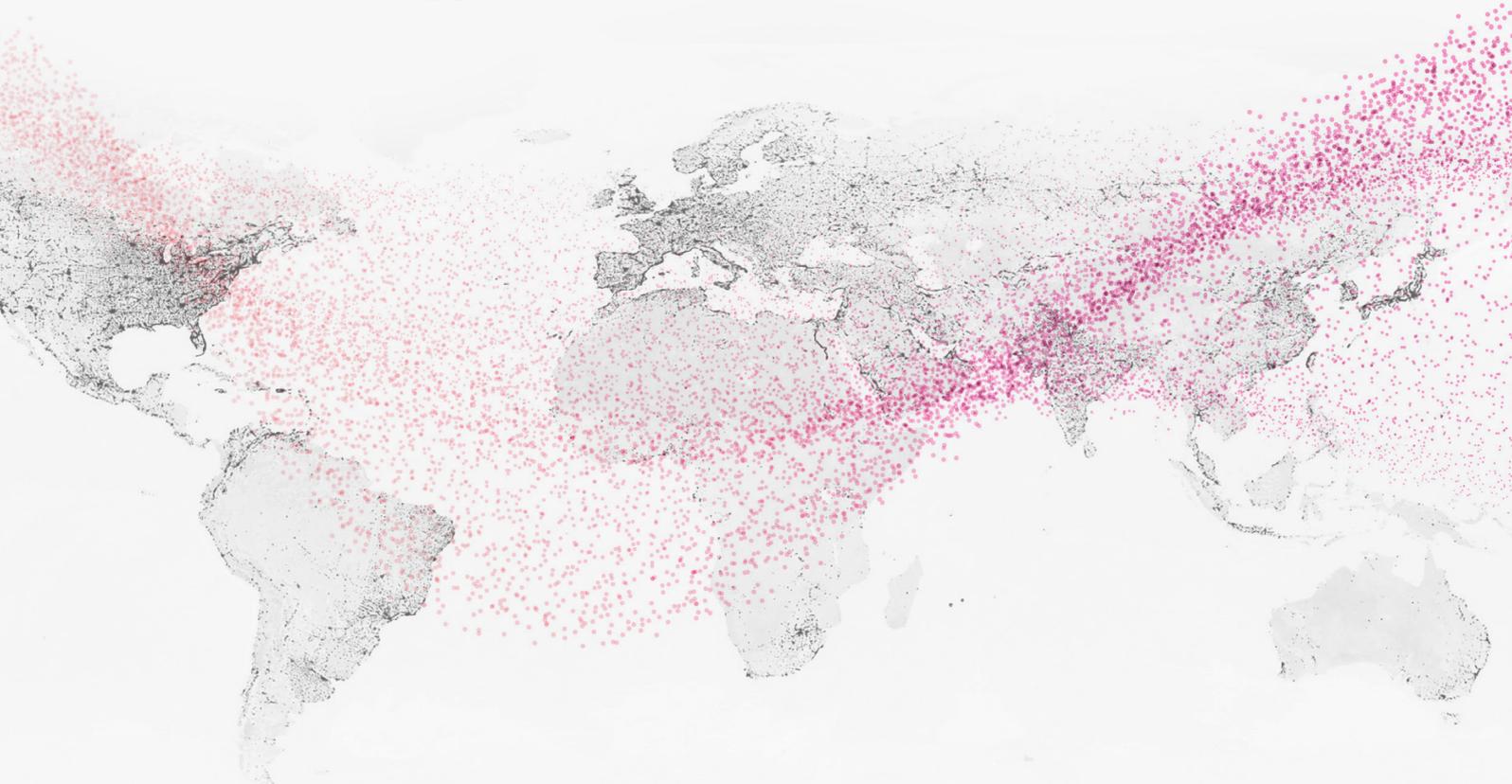
SILICI, 67-69
08940 CORNELLA DE LLOBREGAT
BARCELONA · SPAIN
Tel. +34 93 377 85 85
Fax +34 93 377 82 82

INTERNATIONAL SALES

Tel. +34 93 475 08 64
Fax +34 93 480 07 75
export@dfelectric.es

NATIONAL SALES

Tel. 93 475 08 64
Fax 93 480 07 76
comercial@dfelectric.es



dfelectric.es



According to the waste of electrical and electronic equipment directive, electrical material should not be part of the usual waste. This symbol alerts users that these products should be recycled according to local environmental waste disposal regulations.



The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



To prevent electrical hazards, carry out the installation without voltage.



Safety notice
Please capture the following QR code and read our safety notice carefully before installing our products.



The data reflected in this technical record are subject to the correct installation of the product in accordance with manufacturer's instructions, relevant installation standards and professional practices, maintained and used in applications for which they were made.

The products described in this document have been designed, developed and tested in accordance with specific standard. They are considered components that are integrated as part of installation, machine or equipment. The correct general operation of the referred product is responsibility of the manufacturer of the installation, machine or equipment.

DF ELECTRIC cannot guarantee the characteristics of an installation, machine or equipment that has been designed by a third party. Once a product has been selected, the user must verify that it is appropriate for its application, through the verifications and/or tests that it deems appropriate.

DF ELECTRIC retains the right to change the dimensions, specifications, materials or design of its products at any time with or without notice.

©2025 DF Electric. All rights reserved