



BATTERY STORAGE

NH BATTERY PROTECTION FUSE LINKS

NH gBat 440V/550V DC battery storage protection fuse links

DF Electric NH gBat fuse-links are specially designed to protect battery systems according to the draft of the new Standard IEC60269-7. NH gBat fuse-links are capable of clearing all types of overcurrents, overloads and short-circuits, thus the fuse-links protect the batteries as well as cables and all switchgear of installation.

These fuse-links are designed and manufactured with the same techniques that semiconductor fuse-links, which makes them very fast of operation and gives a good performance under continuous charge / discharge cycles. They are optimized to have reduced power dissipations that allow the utilization of a wide range of fuse-bases, disconnectors and fuse-switch-disconnectors.

NH BATTERY fuse-links range comprise five sizes NH000, NH00, NH1, NH2 and NH3 with rated currents between 20A and 630A, with working voltages up to 440V DC or 550V DC.



U **440V DC**
L/R ≤ 10 ms
BREAKING CAPACITY **30kA**



U **440V DC**
L/R ≤ 10 ms
BREAKING CAPACITY **30kA**



U **550V DC**
L/R ≤ 10 ms
BREAKING CAPACITY **30kA**



U **550V DC**
L/R ≤ 10 ms
BREAKING CAPACITY **30kA**

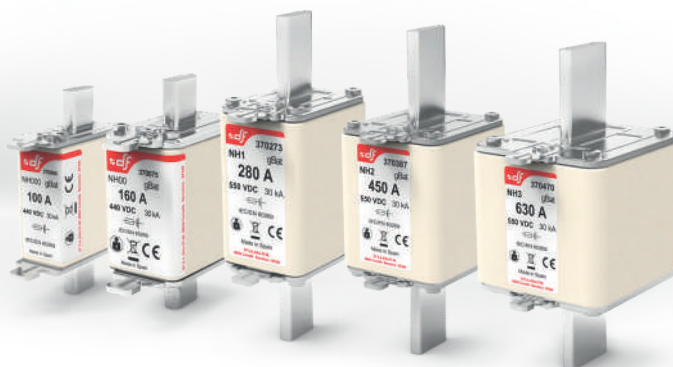


U **550V DC**
L/R ≤ 10 ms
BREAKING CAPACITY **30kA**

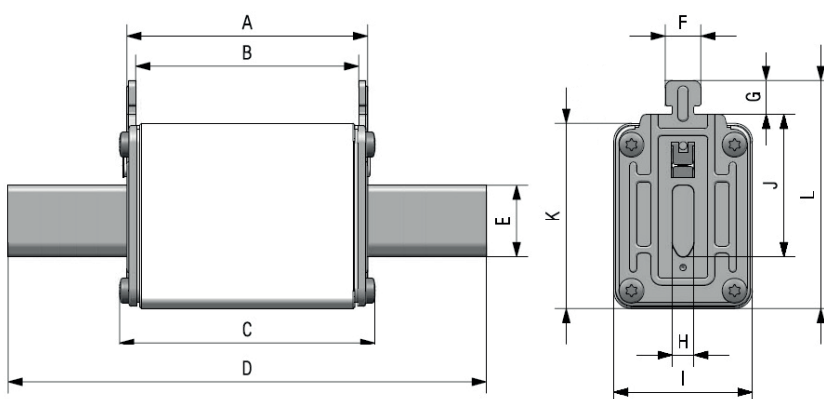
In (A)	REFERENCE	PACKING Uni /BOX
20	370025	3/90
25	370030	3/90
32	370035	3/90
40	370045	3/90
50	370050	3/90
63	370055	3/90
80	370060	3/90
100	370065	3/90
125	370070	3/60
160	370075	3/60
200	370260	1/30
250	370270	1/30
280	370273	1/30
315	370370	1/20
355	370375	1/20
400	370380	1/20
450	370387	1/20
500	370465	1/15
630	370470	1/15



NH gBat 440V/550V DC battery storage protection fuse links

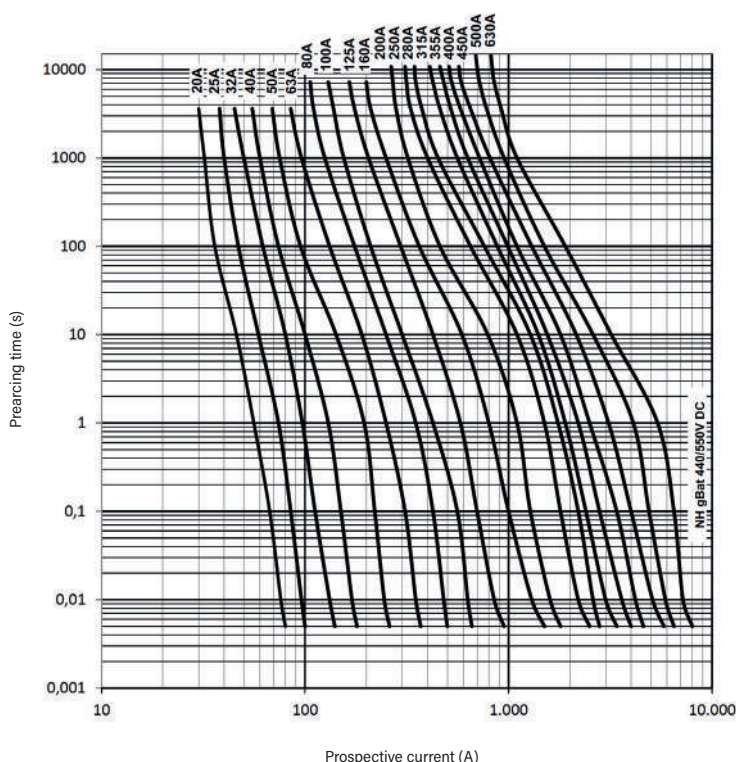


DIMENSIONS



	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
NH1	68	62	71,5	135	20	10	9,5	6	39	40	52	64
NH2	68	62	71,5	150	25	10	9,5	6	53	48	60	72
NH3	68	62	73	150	32	10	9,5	6	70	60	75	87

t-I CHARACTERISTICS



NH gBat 1000V DC battery storage protection fuse links

DF Electric NH gBat fuse-links are specially designed to protect battery systems according to the draft of the new Standard IEC60269-7. NH gBat battery storage fuse-links are capable to clearing all types of overcurrents, overloads and short-circuits, thus the fuse-links protect the batteries as well as cables and all switchgear of installation.

These fuse-links are designed and manufactured with the same techniques that semiconductor fuse-links, which makes them very fast of operation and gives a good performance under continuous charge / discharge cycles. They are optimized to have reduced power dissipations.

NH gBat 1000V DC fuse-links range comprise sizes NH1 and NH3 with rated currents between 40A and 400A, and a rated voltage of 1.000V DC. The rated breaking capacity is 100 kA.



U **1000V DC**
L/R ≤ 3 ms
BREAKING CAPACITY **100kA**



U **1000V DC**
L/R ≤ 3 ms
BREAKING CAPACITY **100kA**

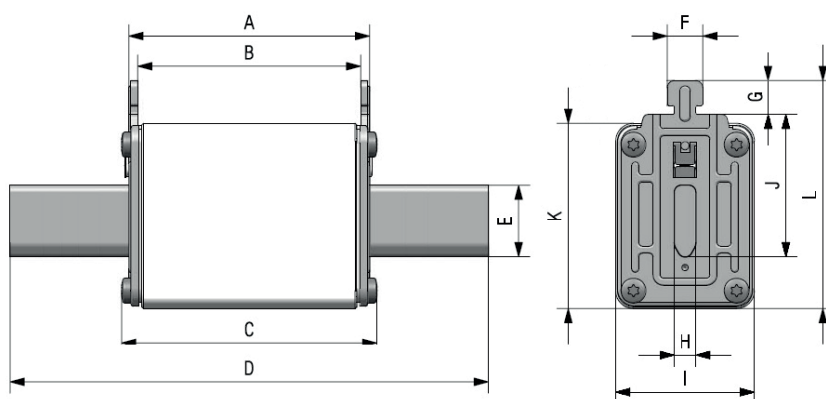
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40	367225	1/30
50	367230	1/30
63	367235	1/30
80	367240	1/30
100	367245	1/30
125	367250	1/30
160	367255	1/30
200	367425	1/15
250	367435	1/15
315	367445	1/15
355	367450	1/15
400	367455	1/15



NH gBat
1000V DC
 battery storage
 protection
 fuse links

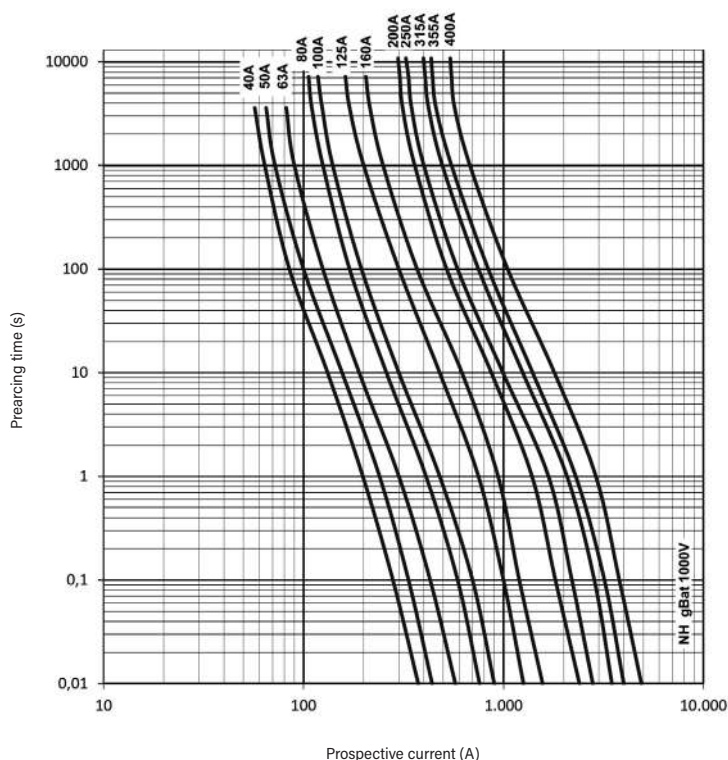


DIMENSIONS



	A	B	C	D	E	F	G	H	I	J	K	L
NH1	68	62	71,5	135	20	10	9,5	6	39	40	52	64
NH3	68	62	73	150	32	10	9,5	6	70	60	75	87

t-I CHARACTERISTICS



NH gBat 1500V DC battery storage protection fuse links

DF Electric NH gBat fuse-links are specially designed to protect battery systems according to the draft of the new Standard IEC60269-7. NH gBat battery storage fuse-links are capable of clearing all types of over-currents, small overloads and short-circuits, thus the fuse-links protect the batteries as well as cables and all switchgear of installation.

These fuse-links are designed and manufactured with the same techniques that semiconductor fuse-links, which makes them very fast of operation and gives a good performance under continuous charge / discharge cycles. They are optimized to have reduced power dissipations.

NH gBat 1500V DC fuse-links range comprise sizes NH1XL, NH2XL and NH3L with rated currents between 63A and 400A, with rated voltage of 1.500V DC. The rated breaking capacity is 30 kA.



U **1500V DC**
L/R ≤ 3 ms

BREAKING
CAPACITY **30kA**

In
(A)

REFERENCE

PACKING

Uni /BOX

63	368235	1/18
80	368240	1/18
100	368245	1/18
125	368250	1/18
160	368255	1/18



U **1500V DC**
L/R ≤ 3 ms

BREAKING
CAPACITY **30kA**

200
250

368350
368360

1/10
1/10



U **1500V DC**
L/R ≤ 3 ms

BREAKING
CAPACITY **30kA**

315
355
400

368445
368450
368455

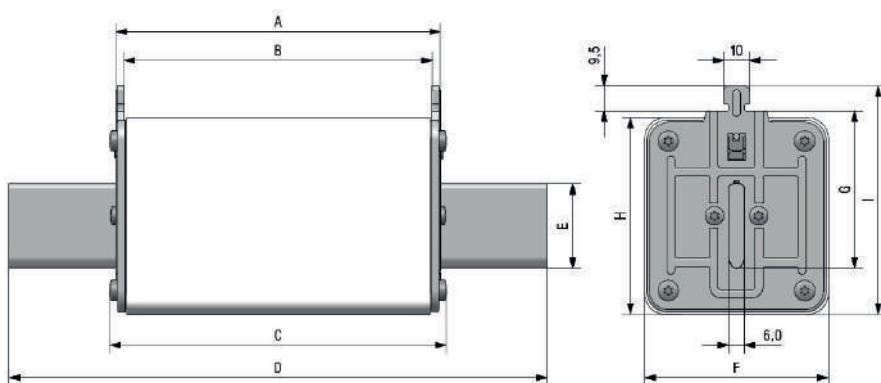
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NH gBat 1500V DC battery storage protection fuse links

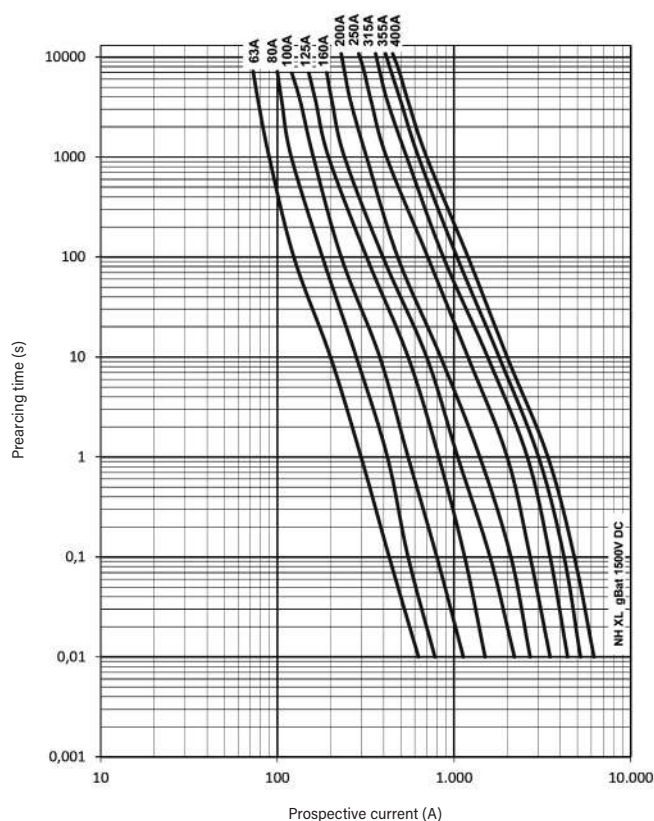


DIMENSIONS



	A	B	C	D	E	F	G	H	I
NH1 XL	126	120	129	191	20	39	40	52,5	64,5
NH2 XL	122,6	117,6	126,7	205	25	53	48	60,5	72
NH3 L	123,6	117,6	128,3	205	32	70	60	75	87

t-I CHARACTERISTICS





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



PROTECTING THE WORLD

