



BATTERY STORAGE

CYLINDRICAL & NH BATTERY PROTECTION FUSE LINKS

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CYL gBat 600V DC battery storage protection fuse links

NEW

Cylindrical gBat fuse links are specially designed to protect battery systems according to the Standard IEC60269-7. They 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 in case of short-circuit and gives a good performance under continuous charge/discharge cycles. They are optimized to have reduced power dissipations that allow the utilization in a wide range of fuse bases, disconnectors and fuse-switch-disconnectors.

Cylindrical BATTERY fuse links range comprise sizes 14x51 and 22x58 with rated currents between 2A and 80A, with rated voltage of 600V DC. They are available in standard version as well as striker versions to be used in fuse bases with microswitch.

14x51

U **600V DC**
L/R ≤ 3 ms

BREAKING CAPACITY **50kA**

22x58

U **600V DC**
L/R ≤ 3 ms

BREAKING CAPACITY **50kA**

| I _n (A) | REFERENCE | | PACKING Uni /BOX |
|-----------------------|-------------------|---------------|---------------------|
| | WITHOUT INDICATOR | WITH STRIKER | |
| 2 | 405015 | - | 10/50 |
| 4 | 405016 | - | 10/50 |
| 6 | 405017 | - | 10/50 |
| 8 | 405018 | 405118 | 10/50 |
| 10 | 405019 | 405119 | 10/50 |
| 12 | 405020 | 405120 | 10/50 |
| 16 | 405021 | 405121 | 10/50 |
| 20 | 405022 | 405122 | 10/50 |
| 25 | 405023 | 405123 | 10/50 |
| 32 | 405024 | 405124 | 10/50 |
| 40 | 405025 | 405125 | 10/50 |



| | | | |
|----|---------------|---------------|-------|
| 40 | 405041 | 405141 | 10/50 |
| 50 | 405042 | 405142 | 10/50 |
| 63 | 405043 | 405143 | 10/50 |
| 80 | 405044 | 405144 | 10/50 |

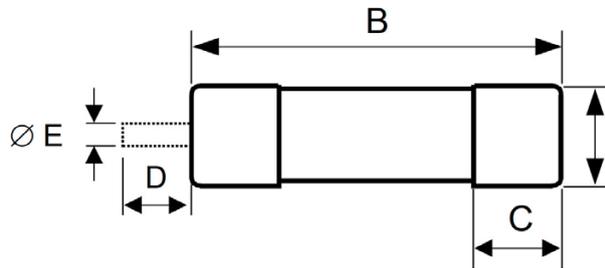


CYL gBat
600V DC
 battery storage
 protection
 fuse links

NEW

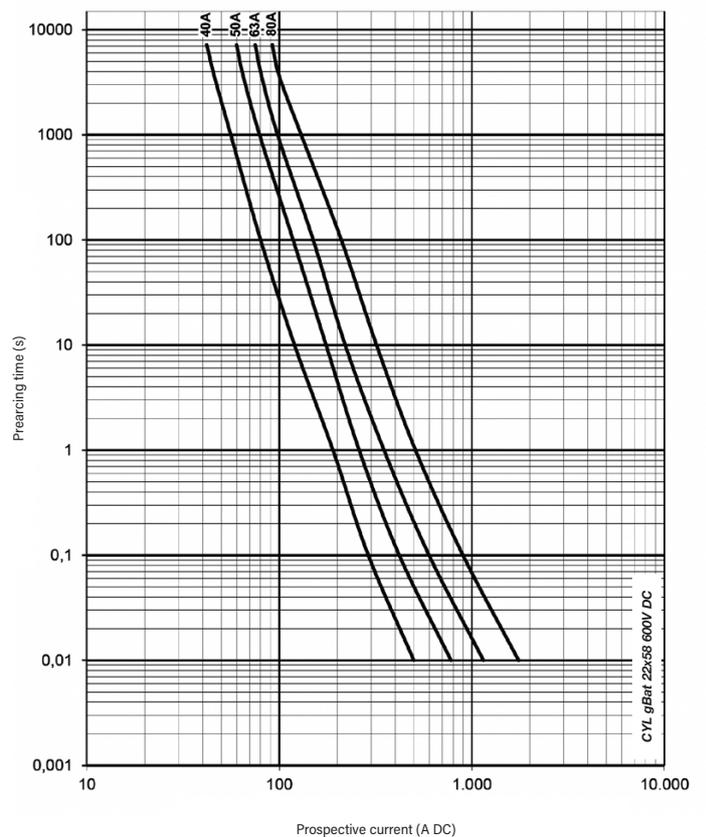
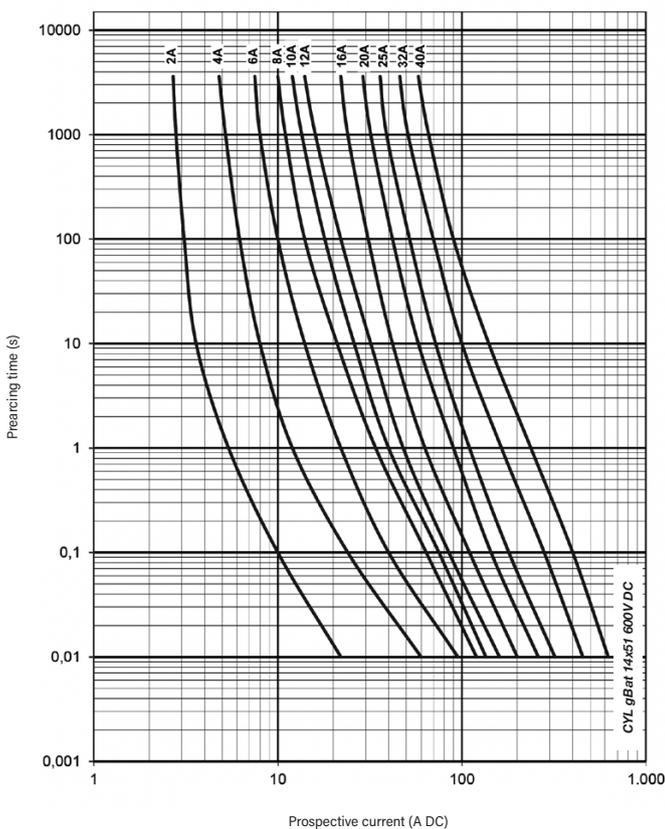


DIMENSIONS



| | A | B | C | D | E |
|--------------|------|----|------|---|-----|
| 14x51 | 14,3 | 51 | 11,5 | 8 | 15 |
| 22x58 | 22,2 | 58 | 15,5 | 8 | 3,7 |

t-I CHARACTERISTICS



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

NH gBat fuse links are specially designed to protect battery systems according to the Standard IEC60269-7. NH gBat 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 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**

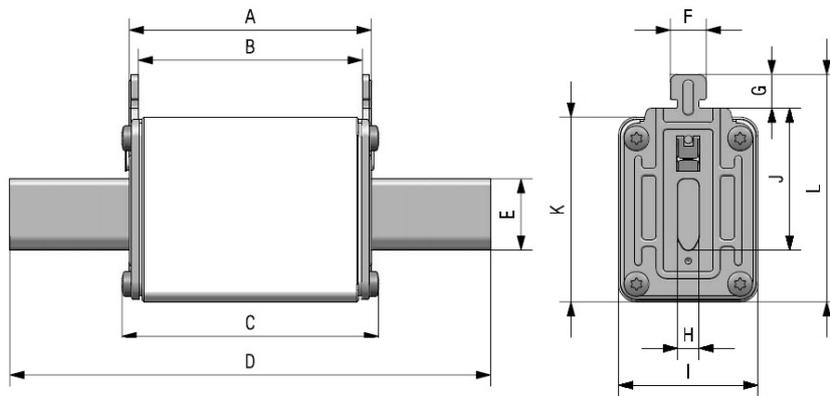
| In (A) | REFERENCE | PACKING Uni /BOX |
|------------------|------------------|----------------------------|
| 20 | 370025 | 3/90 |
| 25 | 370030 | 3/90 |
| 32 | 370035 | 3/90 |
| 40 | 370045 | 3/90 |
| 50 | 370050 | 3/90 |
| 63 | 370055 | 3/90 |
| 80 | 370060 | 3/90 |
| 100 | 370065 | 3/90 |
| 125 | 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

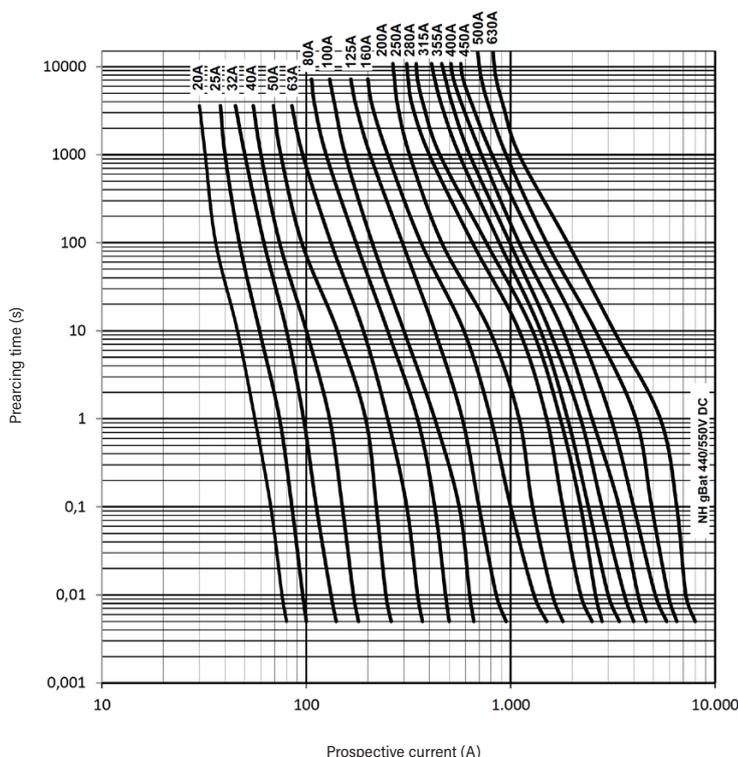


DIMENSIONS



| | 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

NH gBat fuse links are specially designed to protect battery systems according to the Standard IEC60269-7. NH gBat battery storage 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.

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**

| In (A) | REFERENCE | PACKING Uni /BOX |
|------------------|------------------|----------------------------|
| 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 |



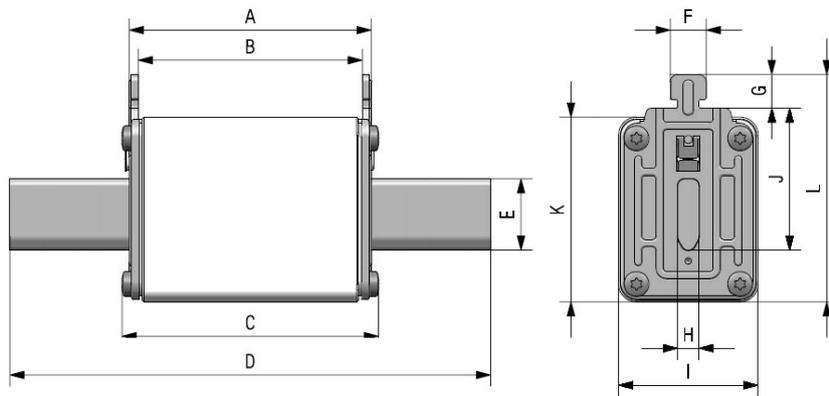
BATTERY STORAGE

CYLINDRICAL & NH BATTERY PROTECTION FUSE LINKS

NH gBat
1000V DC
 battery storage
 protection
 fuse links

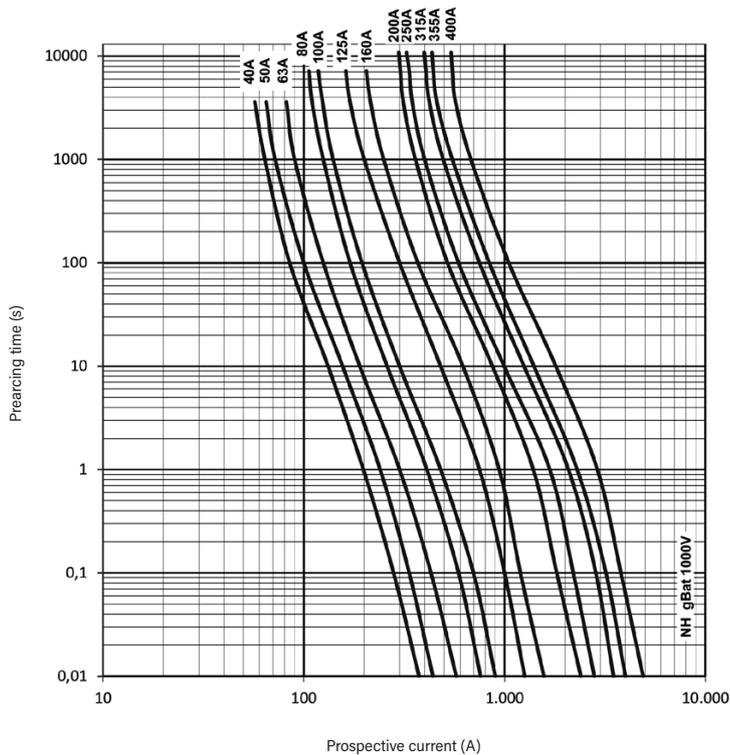


DIMENSIONS



| | 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

NH gBat fuse links are specially designed to protect battery systems according to the Standard IEC60269-7. NH gBat battery storage fuse links are capable of clearing all types of overcurrents, 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 500A, with rated voltage of 1.500V DC. The rated breaking capacity is 100 kA and 50kA (NH3 L bolted blade)..



U **1500V DC**
L/R ≤ 3 ms
BREAKING CAPACITY **100kA**



U **1500V DC**
L/R ≤ 3 ms
BREAKING CAPACITY **100kA**



U **1500V DC**
L/R ≤ 3 ms
BREAKING CAPACITY **100kA**



BOLTED BLADE WITH STRIKER

U **1500V DC**
L/R ≤ 3 ms
BREAKING CAPACITY **50kA**

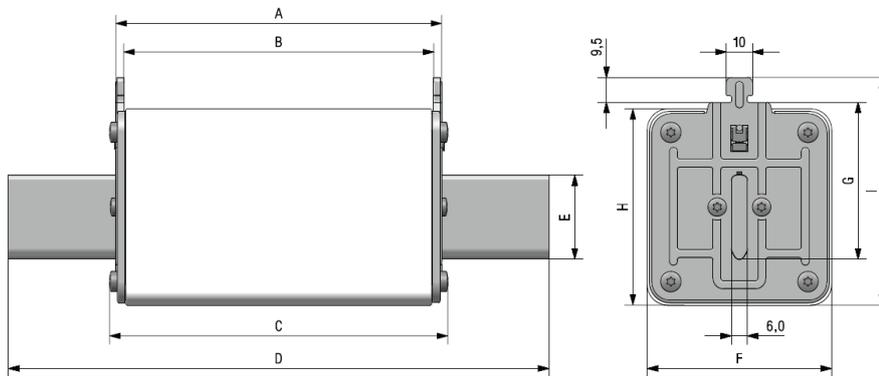
| In (A) | REFERENCE | PACKING Uni /BOX |
|--------|----------------|---------------------|
| 63 | 368235 | 1/18 |
| 80 | 368240 | 1/18 |
| 100 | 368245 | 1/18 |
| 125 | 368250 | 1/18 |
| 160 | 368255 | 1/18 |
| 200 | 368350 | 1/10 |
| 250 | 368360 | 1/10 |
| 315 | 368445 | 1/10 |
| 355 | 368450 | 1/10 |
| 400 | 368455 | 1/10 |
| 160 | 368420P | 1/10 |
| 200 | 368425P | 1/10 |
| 250 | 368435P | 1/10 |
| 315 | 368445P | 1/10 |
| 355 | 368450P | 1/10 |
| 400 | 368455P | 1/10 |
| 450 | 368463P | 1/10 |
| 500 | 368465P | 1/10 |



NH gBat
1500V DC
 battery storage
 protection
 fuse links

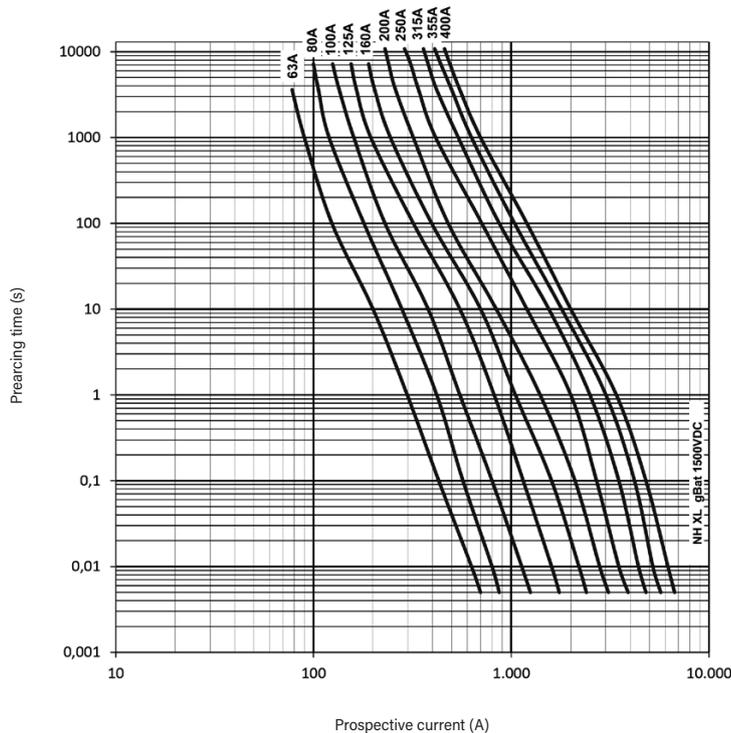


DIMENSIONS



| | 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 |

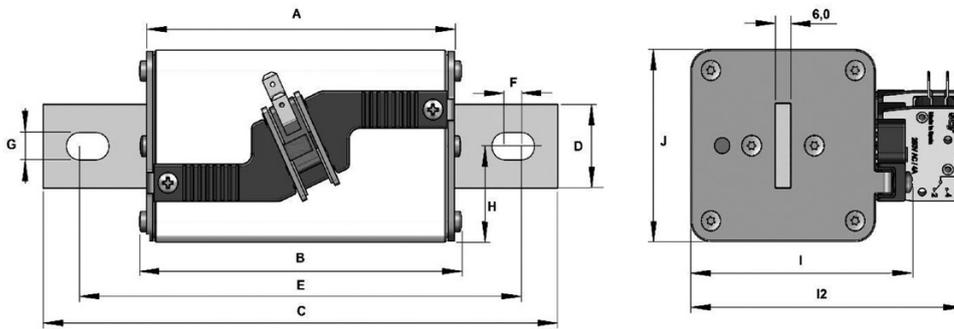
t-I CHARACTERISTICS



NH gBat
1500V DC
 battery storage
 protection
 fuse links

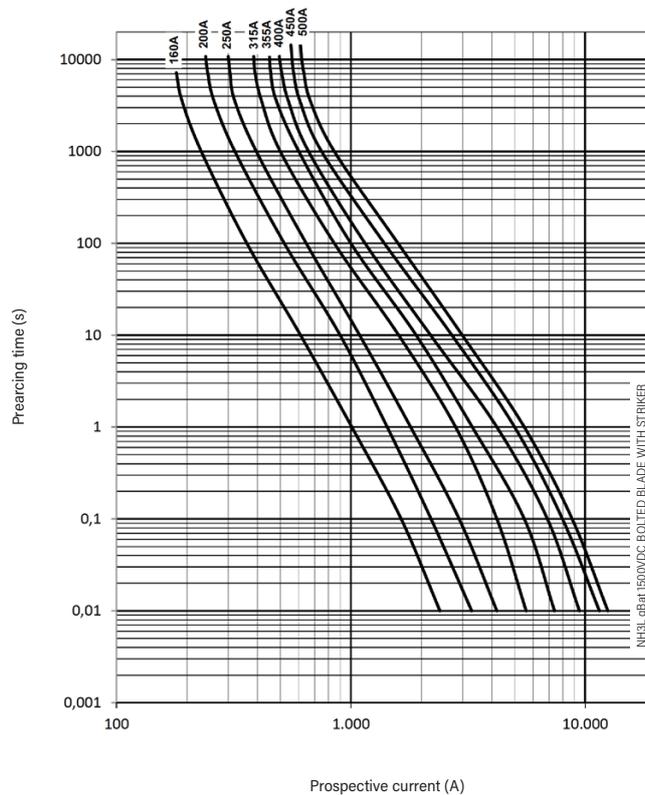


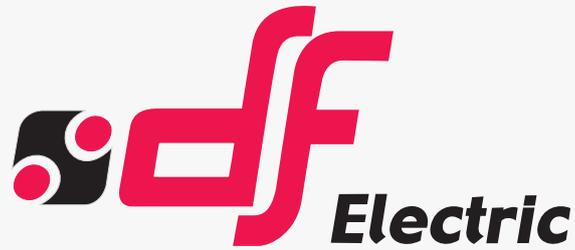
DIMENSIONS



| A | B | C | D | E | F | G | H | I | I2 | J |
|-----|-------|-----|----|-----|-----|------|------|----|-----|------|
| 122 | 127,7 | 205 | 32 | 176 | 6,5 | 10,5 | 36,5 | 88 | 108 | 73,5 |

t-I CHARACTERISTICS





PROTECTING THE WORLD

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