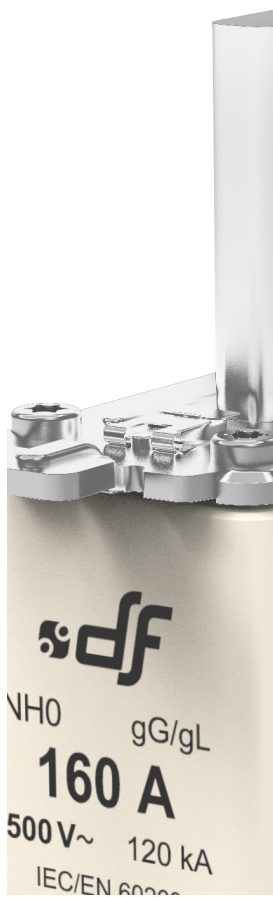


# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

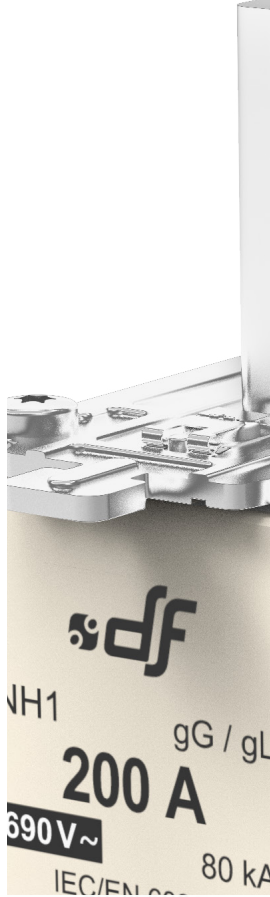
# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES



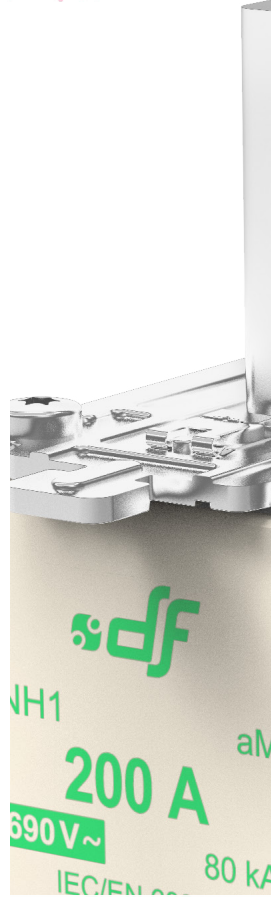
04

**gG**  
500V  
fuse links



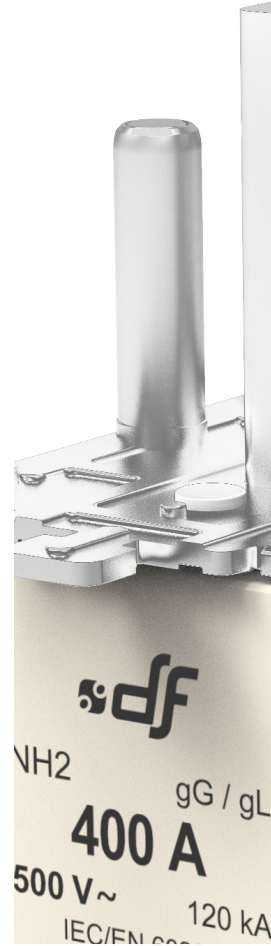
07

**gG**  
690V  
fuse links



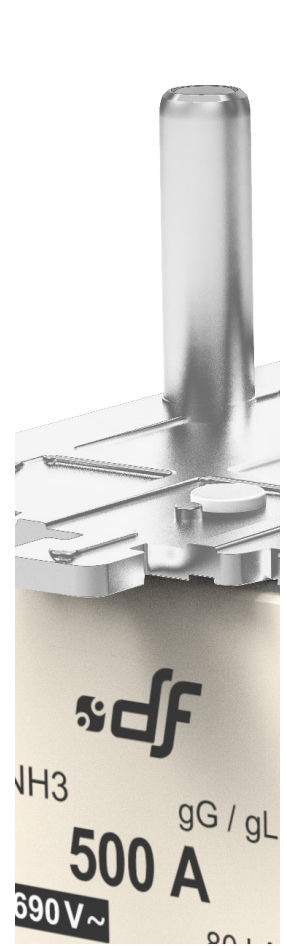
10

**aM**  
500/690V  
fuse links



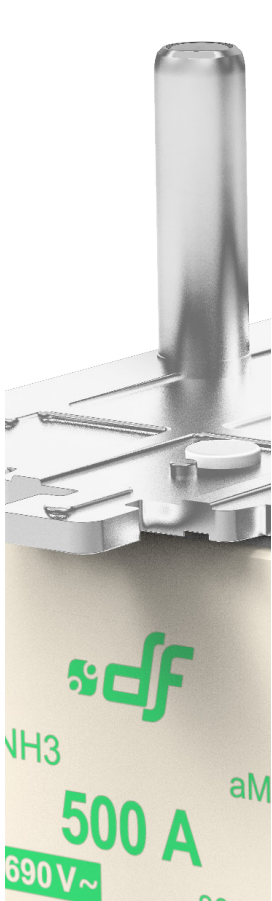
14

**gG**  
500V  
with striker  
fuse links



16

**gG**  
690V  
with striker  
fuse links



18

**aM**  
500/690V  
with striker  
fuse links



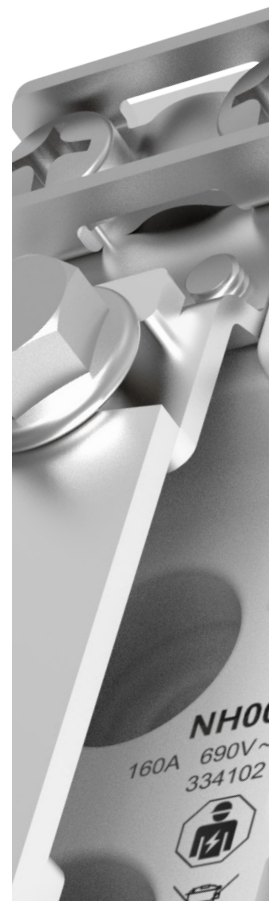
20

**ST**  
690 & 800V  
fuse bases



24

**NH**  
accessories  
fuse links &  
fuse bases



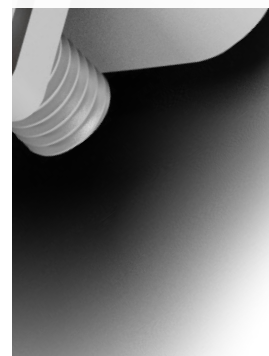
26

**SN**  
sectionable  
neutral  
fuse bases



27

**BS | BUC**  
fuse  
switch  
discon-  
nectors





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.

<b>NH000</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>

<b>NH00</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>

<b>NH0</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>

<b>NH0S</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
2	<b>381000</b>	3/90
4	<b>381005</b>	3/90
6	<b>381010</b>	3/90
10	<b>381015</b>	3/90
16	<b>381020</b>	3/90
20	<b>381025</b>	3/90
25	<b>381030</b>	3/90
32	<b>381035</b>	3/90
35	<b>381040</b>	3/90
40	<b>381045</b>	3/90
50	<b>381050</b>	3/90
63	<b>381055</b>	3/90
80	<b>381060</b>	3/90
100	<b>381065</b>	3/90
125	<b>381070</b>	3/60
160	<b>381075</b>	3/60
6	<b>381110</b>	3/42
10	<b>381115</b>	3/42
16	<b>381120</b>	3/42
20	<b>381125</b>	3/42
25	<b>381130</b>	3/42
32	<b>381135</b>	3/42
35	<b>381140</b>	3/42
40	<b>381145</b>	3/42
50	<b>381150</b>	3/42
63	<b>381155</b>	3/42
80	<b>381160</b>	3/42
100	<b>381165</b>	3/42
125	<b>381170</b>	3/42
160	<b>381175</b>	3/42
200	<b>381180</b>	3/30
224	<b>381185</b>	3/30
250	<b>381190</b>	3/30



### STANDARDS

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

### TECHNICAL DATA DIMENSIONS

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### t<sub>1</sub> | CUT-OFF CHARACTERISTICS

PAG 30

### i<sub>2t</sub> CHARACTERISTICS POWER DISSIPATION

PAG 31

### COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG** | **gG**  
**NH 500V**  
fuse links

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.

<b>NHC1</b>	
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>
<b>NH1</b>	
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>
OVERRATING FUSES	

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
50	<b>381230</b>	3/30
63	<b>381235</b>	3/30
80	<b>381240</b>	3/30
100	<b>381245</b>	3/30
125	<b>381250</b>	3/30
160	<b>381255</b>	3/30
200	<b>381260</b>	3/30
224	<b>381265</b>	3/30
250	<b>381270</b>	3/30
315*	<b>381280</b>	3/30
355*	<b>381285</b>	3/30



<b>NHC2</b>	
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>
<b>NH2</b>	
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>
OVERRATING FUSES	

63	<b>381325</b>	3/24
80	<b>381330</b>	3/24
100	<b>381335</b>	3/24
125	<b>381340</b>	3/24
160	<b>381345</b>	3/24
200	<b>381350</b>	3/24
224	<b>381355</b>	3/24
250	<b>381360</b>	3/24
315	<b>381370</b>	3/18
355	<b>381375</b>	3/18
400	<b>381380</b>	3/18
425*	<b>381385</b>	3/18
500*	<b>381390</b>	3/18



## STANDARDS

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

## TECHNICAL DATA DIMENSIONS

PAG 29

## t-1 | CUT-OFF CHARACTERISTICS

PAG 30

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

PAG 31

## COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG** | **gG**  
**NH 500V**  
fuse links

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.

<b>NHC3</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>
<b>NH3</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>
<b>OVERRATING FUSES</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
250	<b>381435</b>	3/18
315	<b>381445</b>	3/18
355	<b>381450</b>	3/18
400	<b>381455</b>	3/18



<b>NH4</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>
<b>OVERRATING FUSES</b>

425	<b>381460</b>	3/18
500	<b>381465</b>	3/18
630	<b>381470</b>	3/18
800	<b>381475</b>	3/18

315	<b>381505</b>	1/6
400	<b>381510</b>	1/6
500	<b>381515</b>	1/6
630	<b>381520</b>	1/6
800	<b>381525</b>	1/6
900	<b>381527</b>	1/6
1000	<b>381530</b>	1/6
1250	<b>381535</b>	1/6



**STANDARDS**

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

**TECHNICAL DATA DIMENSIONS**

PAG 29

**t-1 | CUT-OFF CHARACTERISTICS**

PAG 30

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

PAG 31

**COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG** | **gG**  
**NH 690V**  
fuse links

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 AC (+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.

NH000

U **690V**

BREAKING CAPACITY **80kA**

**I<sub>n</sub>**  
(A)

REFERENCE

PACKING  
Uni /BOX

2	<b>382000</b>	3/90
4	<b>382005</b>	3/90
6	<b>382010</b>	3/90
10	<b>382015</b>	3/90
16	<b>382020</b>	3/90
20	<b>382025</b>	3/90
25	<b>382030</b>	3/90
32	<b>382035</b>	3/90
35	<b>382040</b>	3/90
40	<b>382045</b>	3/90



NH00

U **690V**

BREAKING CAPACITY **80kA**

50  
63  
80  
100

**382050**  
**382055**  
**382060**  
**382065**

3/60  
3/60  
3/60  
3/60



NH0

U **690V**

BREAKING CAPACITY **80kA**

6  
10  
16  
20  
25  
32  
35  
40  
50  
63  
80  
100

**382110**  
**382115**  
**382120**  
**382125**  
**382130**  
**382135**  
**382140**  
**382145**  
**382150**  
**382155**  
**382160**  
**382165**

3/42  
3/42  
3/42  
3/42  
3/42  
3/42  
3/42  
3/42  
3/42  
3/42  
3/42  
3/42



**STANDARDS**

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

**TECHNICAL DATA  
DIMENSIONS**

PAG 32

**t<sub>1</sub> | CUT-OFF  
CHARACTERISTICS**

PAG 33

**I<sup>2</sup><sub>t</sub> CHARACTERISTICS  
POWER DISSIPATION**

PAG 34

**COMPATIBLE  
ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**

PAG 20 <sup>ST 690V</sup>

PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG** | **gG**  
**NH 690V**  
fuse links

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 AC (+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.

<b>NHC1</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
50	<b>382230</b>	3/30
63	<b>382235</b>	3/30
80	<b>382240</b>	3/30
100	<b>382245</b>	3/30



<b>NH1</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>

125	<b>382250</b>	3/30
160	<b>382255</b>	3/30
200	<b>382260</b>	3/30



<b>NHC2</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>

63	<b>382325</b>	3/24
80	<b>382330</b>	3/24
100	<b>382335</b>	3/24
125	<b>382340</b>	3/24
160	<b>382345</b>	3/24
200	<b>382350</b>	3/24



<b>NH2</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>

224	<b>382355</b>	3/18
250	<b>382360</b>	3/18
315	<b>382370</b>	3/18



**STANDARDS**

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

**TECHNICAL DATA  
DIMENSIONS**

PAG 32

**t-1 | CUT-OFF  
CHARACTERISTICS**

PAG 33

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

PAG 34

**COMPATIBLE  
ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>



# NH KNIFE-BLADE

## FUSE LINKS & FUSE BASES

**gG** | **gG**  
**NH 690V**  
fuse links

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 AC (+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.

<b>NHC3</b>
U <b>690V</b>
BREAKING CAPACITY <b>80kA</b>

<b>NH3</b>
U <b>690V</b>
BREAKING CAPACITY <b>80kA</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
250	<b>382435</b>	3/18
315	<b>382445</b>	3/18
355	<b>382450</b>	3/18
400	<b>382455</b>	3/18
425	<b>382460</b>	3/18
500	<b>382465</b>	3/18



<b>NH4</b>
U <b>690V</b>
BREAKING CAPACITY <b>80kA</b>

400	<b>382510</b>	1/6
500	<b>382515</b>	1/6
630	<b>382520</b>	1/6
800	<b>382525</b>	1/6



### STANDARDS

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

### TECHNICAL DATA DIMENSIONS

PAG 32

### t<sub>1</sub> | CUT-OFF CHARACTERISTICS

PAG 33

### i<sup>2</sup>t CHARACTERISTICS POWER DISSIPATION

PAG 34

### COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

### aM NH 500V/690V fuse links

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 500V AC (+10%) and 690V AC (+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.

<b>NH000</b>
U <b>690V</b>
BREAKING CAPACITY <b>80kA</b>
<b>NH00</b>
U <b>690V</b>
BREAKING CAPACITY <b>80kA</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
6	<b>384010</b>	3/90
10	<b>384015</b>	3/90
16	<b>384020</b>	3/90
20	<b>384025</b>	3/90
25	<b>384030</b>	3/90
32	<b>384035</b>	3/90
35	<b>384040</b>	3/90
40	<b>384045</b>	3/90
50	<b>384050</b>	3/60
63	<b>384055</b>	3/60
80	<b>384060</b>	3/60
100	<b>384065</b>	3/60
125	<b>383070</b>	3/60
160	<b>383075</b>	3/60



<b>NH0</b>
U <b>690V</b>
BREAKING CAPACITY <b>80kA</b>
U <b>500V</b>
BREAKING CAPACITY <b>120kA</b>

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



#### STANDARDS

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

#### TECHNICAL DATA DIMENSIONS

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#### t-1 | CUT-OFF CHARACTERISTICS

PAG 36

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

PAG 37

#### COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

### aM NH 500V/690V fuse links

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 500V AC (+10%) and 690V AC (+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.

NH0S	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
125	<b>384170</b>	3/30
160	<b>384175</b>	3/30
200	<b>383180</b>	3/30



NHC1	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

63	<b>384235</b>	3/30
80	<b>384240</b>	3/30
100	<b>384245</b>	3/30
125	<b>384250</b>	3/30
160	<b>384255</b>	3/30
200	<b>384260</b>	3/30
224	<b>383265</b>	3/30
250	<b>383270</b>	3/30



NH1	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>



#### STANDARDS

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

#### TECHNICAL DATA DIMENSIONS

PAG 35

#### t-1 | CUT-OFF CHARACTERISTICS

PAG 36

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

PAG 37

#### COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

### aM NH 500V/690V fuse links

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 500V AC (+10%) and 690V AC (+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.

NHC2		$I_n$ (A)	REFERENCE	PACKING Uni /BOX
U	690V	125	<b>384340</b>	3/24
		160	<b>384345</b>	3/24
BREAKING CAPACITY	80kA	200	<b>384350</b>	3/24
NH2				
U	690V	125	<b>384250</b>	3/30
		160	<b>384255</b>	3/30
BREAKING CAPACITY	80kA	200	<b>384260</b>	3/30
U	500V	224	<b>384355</b>	3/18
		250	<b>384360</b>	3/18
BREAKING CAPACITY	120kA	315	<b>384370</b>	3/18
		355	<b>384375</b>	3/18
		400	<b>383380</b>	3/18
NHC3				
U	690V	315	<b>384445</b>	3/18
		355	<b>384450</b>	3/18
BREAKING CAPACITY	80kA			
NH3				
U	690V	400	<b>384455</b>	3/18
		425	<b>384460</b>	3/18
BREAKING CAPACITY	80kA	500	<b>384465</b>	3/18
U	500V	630	<b>383470</b>	3/18
BREAKING CAPACITY	120kA			



**STANDARDS**  
IEC/EN 60269-1  
IEC/EN 60269-2  
DIN 43620

**TECHNICAL DATA DIMENSIONS**  
PAG 35

**t<sub>1</sub> | CUT-OFF CHARACTERISTICS**  
PAG 36

**I<sup>2</sup>t CHARACTERISTICS POWER DISSIPATION**  
PAG 37

**COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**  
PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**aM** | **aM**  
NH 500V/690V  
fuse links

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 500V AC (+10%) and 690V AC (+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.

NH4

U **690V**

BREAKING CAPACITY **80kA**

U **500V**

BREAKING CAPACITY **120kA**

$I_n$   
(A)

REFERENCE

PACKING

Uni /BOX

400	<b>384510</b>	1/6
500	<b>384515</b>	1/6
630	<b>384520</b>	1/6
800	<b>384525</b>	1/6
315	<b>383505</b>	1/6
400	<b>383510</b>	1/6
500	<b>383515</b>	1/6
630	<b>383520</b>	1/6
800	<b>383525</b>	1/6
1000	<b>383530</b>	1/6
1250	<b>383535</b>	1/6



**STANDARDS**

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

**TECHNICAL DATA  
DIMENSIONS**

PAG 35

**t-1 | CUT-OFF  
CHARACTERISTICS**

PAG 36

**i<sup>2</sup>t | CHARACTERISTICS  
POWER DISSIPATION**

PAG 37

**COMPATIBLE  
ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**

PAG 20 <sup>ST 690V</sup>

PAG 27 <sup>BS FUSE SWITCH  
DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG**  
NH 500V  
with striker  
fuse links

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.

NH0S

U **500V**

BREAKING CAPACITY **120kA**

OVERRATING FUSES

**I<sub>n</sub>**  
(A)

REFERENCE

PACKING

Uni /BOX

32	<b>395135</b>	3/30
35	<b>395140</b>	3/30
40	<b>395145</b>	3/30
50	<b>395150</b>	3/30
63	<b>395155</b>	3/30
80	<b>395160</b>	3/30
100	<b>395165</b>	3/30
125	<b>395170</b>	3/30
160	<b>395175</b>	3/30
200	<b>395180</b>	3/30



NH1

U **500V**

BREAKING CAPACITY **120kA**

OVERRATING FUSES

63  
80  
100  
125  
160  
200  
250

**395235**  
**395240**  
**395245**  
**395250**  
**395255**  
**395260**  
**395270**

3/30  
3/30  
3/30  
3/30  
3/30  
3/30  
3/30

315  
355

**395280**  
**395285**

3/30  
3/30



**STANDARDS**

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

**TECHNICAL DATA  
DIMENSIONS**

PAG 38

**t<sub>1</sub> | CUT-OFF  
CHARACTERISTICS**

PAG 39

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

PAG 40

**COMPATIBLE  
ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**

PAG 20 <sup>ST 690V</sup>

PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG**  
NH 500V  
with striker  
fuse links

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.

NH2		$I_n$ (A)	REFERENCE	PACKING Uni /BOX
U	500V	125	<b>395340</b>	3/18
		160	<b>395345</b>	3/18
		200	<b>395350</b>	3/18
		224	<b>395355</b>	3/18
		250	<b>395360</b>	3/18
		315	<b>395370</b>	3/18
		355	<b>395375</b>	3/18
		400	<b>395380</b>	3/18
OVERRATING FUSES		425	<b>395385</b>	3/30
		500	<b>395390</b>	3/30



NH3		$I_n$ (A)	REFERENCE	PACKING Uni /BOX
U	500V	315	<b>395445</b>	3/18
		355	<b>395450</b>	3/18
		400	<b>395455</b>	3/18
		425	<b>395460</b>	3/18
		500	<b>395465</b>	3/18
		630	<b>395470</b>	3/18



NH4		$I_n$ (A)	REFERENCE	PACKING Uni /BOX
U	500V	315	<b>395505</b>	1/6
		400	<b>395510</b>	1/6
		500	<b>395515</b>	1/6
		630	<b>395520</b>	1/6
		800	<b>395525</b>	1/6
		1000	<b>395530</b>	1/6
		OVERRATING FUSES		1250



## STANDARDS

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

## TECHNICAL DATA DIMENSIONS

PAG 38

## t-1 | CUT-OFF CHARACTERISTICS

PAG 39

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

PAG 40

## COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20<sup>ST 690V</sup>

PAG 27<sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG**  
NH 690V  
with striker  
fuse links

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 AC(+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.

NH0S

U **690V**  
BREAKING CAPACITY **80kA**

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
32	<b>396135</b>	3/30
35	<b>396140</b>	3/30
40	<b>396145</b>	3/30
50	<b>396150</b>	3/30
63	<b>396155</b>	3/30
80	<b>396160</b>	3/30
100	<b>396165</b>	3/30



NH1

U **690V**  
BREAKING CAPACITY **80kA**

63	<b>396235</b>	3/30
80	<b>396240</b>	3/30
100	<b>396245</b>	3/30
125	<b>396250</b>	3/30
160	<b>396255</b>	3/30
200	<b>396260</b>	3/30



## STANDARDS

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

## TECHNICAL DATA DIMENSIONS

PAG 41

## t-1 | CUT-OFF CHARACTERISTICS

PAG 42

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

PAG 43

## COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup> PAG 27 BS FUSE SWITCH  
DISCONNECTORS



# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**gG**  
NH 690V  
with striker  
fuse links

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 AC(+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.

NH2	
U	690V
BREAKING CAPACITY	80kA

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
125	<b>396340</b>	3/18
160	<b>396345</b>	3/18
200	<b>396350</b>	3/18
224	<b>396355</b>	3/18
250	<b>396360</b>	3/18
315	<b>396370</b>	3/18



NH3	
U	690V
BREAKING CAPACITY	80kA

315	<b>396445</b>	3/18
355	<b>396450</b>	3/18
400	<b>396455</b>	3/18
425	<b>396460</b>	3/18
500	<b>396465</b>	3/18



NH4	
U	690V
BREAKING CAPACITY	80kA

400	<b>396510</b>	1/6
500	<b>396515</b>	1/6
630	<b>396520</b>	1/6
800	<b>396525</b>	1/6



#### STANDARDS

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

#### TECHNICAL DATA DIMENSIONS

PAG 41

#### $t_1$ | CUT-OFF CHARACTERISTICS

PAG 42

#### $i^2t$ CHARACTERISTICS POWER DISSIPATION

PAG 43

#### COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20 <sup>ST 690V</sup>

PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

**aM** | **aM**  
**NH 500V/690V**  
**with striker**  
**fuse links**

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 AC (+10%) or 690V AC (+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 NH0 up to NH4, with rated currents from 32A up to 1250A.



U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

$I_n$ (A)	REFERENCE	PACKING Uni /BOX
32	<b>398135</b>	3/30
35	<b>398140</b>	3/30
40	<b>398145</b>	3/30
50	<b>398150</b>	3/30
63	<b>398155</b>	3/30
80	<b>398160</b>	3/30
100	<b>398165</b>	3/30
125	<b>398170</b>	3/30
160	<b>398175</b>	3/30
200	<b>397180</b>	3/30



U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

80	<b>398240</b>	3/30
100	<b>398245</b>	3/30
125	<b>398250</b>	3/30
160	<b>398255</b>	3/30
200	<b>398260</b>	3/30
250	<b>397270</b>	3/30



**STANDARDS**

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

**TECHNICAL DATA DIMENSIONS**

PAG 44

**t-1 | CUT-OFF CHARACTERISTICS**

PAG 45

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

PAG 46

**COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS**

PAG 20 <sup>ST 690V</sup> PAG 27 <sup>BS FUSE SWITCH DISCONNECTORS</sup>

**aM**

**aM**  
NH 500V/690V  
with striker  
fuse links

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 AC (+10%) or 690V AC (+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 NH0 up to NH4, with rated currents from 32A up to 1250A.

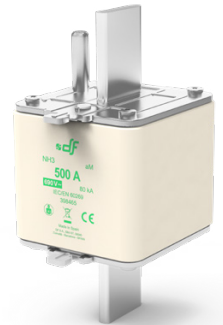
<b>NH2</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

I <sub>n</sub> (A)	REFERENCE	PACKING Uni /BOX
125	<b>398340</b>	3/18
160	<b>398345</b>	3/18
200	<b>398350</b>	3/18
250	<b>398360</b>	3/18
315	<b>398370</b>	3/18
355	<b>398375</b>	3/18
400	<b>397380</b>	3/18



<b>NH3</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

400	<b>398455</b>	3/18
425	<b>398460</b>	3/18
500	<b>398465</b>	3/18
630	<b>397470</b>	3/18



<b>NH4</b>	
U	<b>690V</b>
BREAKING CAPACITY	<b>80kA</b>
U	<b>500V</b>
BREAKING CAPACITY	<b>120kA</b>

400	<b>398510</b>	1/6
500	<b>398515</b>	1/6
630	<b>398520</b>	1/6
800	<b>398525</b>	1/6
315	<b>397505</b>	1/6
400	<b>397510</b>	1/6
500	<b>397515</b>	1/6
630	<b>397520</b>	1/6
800	<b>397525</b>	1/6
1000	<b>397530</b>	1/6
1250	<b>397535</b>	1/6



### STANDARDS

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

### TECHNICAL DATA DIMENSIONS

PAG 44

### t-I | CUT-OFF CHARACTERISTICS

PAG 45

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

PAG 46

### COMPATIBLE ST 690V | BS/BUC FUSE SWITCH DISCONNECTORS

PAG 20<sup>ST 690V</sup>

PAG 27<sup>BS FUSE SWITCH DISCONNECTORS</sup>

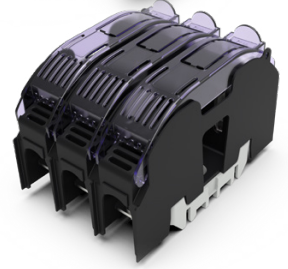
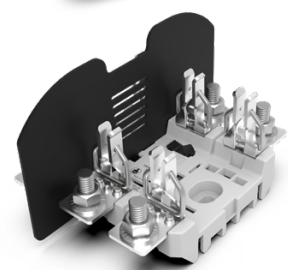
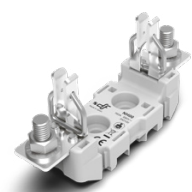
### ST NH 690V/800V fuse bases

Fuse bases for NH fuse links. For mounting on DIN/EN rail or with screw fixing. Single-phase or three-pole type. Connection by screws, fixed nut or clamps. Wide range of accessories (contact covers, fuse link covers, partition walls) that enables IP20 protection index.

Multi-pole units can be made with connection accessories. NH ST fuse bases are made of self-extinguishable materials and have silver plated copper contacts. There are two contact styles, one of them with double spring in order to obtain an optimum operation. Manufactured according IEC, EN and DIN standards

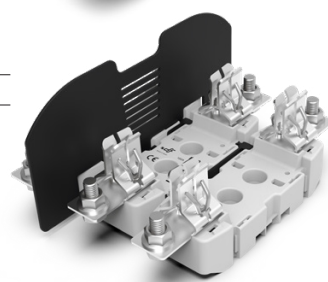
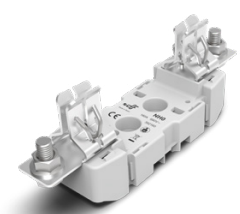
NH00	
<b>SINGLE POLE</b>	
U	690V/800V
In	160A
<b>THREE POLE</b>	
U	690V/800V
In	160A

FIXING	CONNECTION	REFERENCE	PACKING Uni /BOX
SCREW	SCREW	<b>354100</b>	3/54
	CLAMP	<b>354105</b>	3/54
	CLAMP-SCREW	<b>354110</b>	3
	FIXED SCREW	<b>354115</b>	3/54
DIN RAIL + SCREW	SCREW	<b>352100</b>	3/54
	CLAMP	<b>352105</b>	3
	CLAMP-SCREW	<b>352110</b>	3
DIN RAIL + SCREW	FIXED SCREW	<b>352115</b>	3/54
	SCREW	<b>353102</b>	1/20
	CLAMP	<b>353105</b>	1/20
DIN RAIL + SCREW	CLAMP-SCREW	<b>353110</b>	1/20
	FIXED NUT	<b>353115</b>	1/20
	SCREW	<b>335120</b>	1
DIN RAIL + SCREW WITH TERMINAL COVERS	CLAMP	<b>335125</b>	1
	CLAMP-SCREW	<b>335130</b>	1
	FIXED NUT	<b>335135</b>	1
DIN RAIL + SCREW WITH TERMINAL COVERS	SCREW	<b>334717</b>	1
	CLAMP	<b>334720</b>	1
	CLAMP-SCREW	<b>334725</b>	1
DIN RAIL + SCREW	FIXED NUT	<b>334730</b>	1



NH0	
<b>SINGLE POLE</b>	
U	690V
In	160A
<b>THREE POLE</b>	
U	690V
In	160A

SCREW	SCREW	<b>354160</b>	3
	DIN RAIL + SCREW	<b>352160</b>	3
SCREW	SCREW	<b>355160</b>	1
	DIN RAIL + SCREW	<b>353160</b>	1



**STANDARDS**  
IEC/EN 60269-1  
IEC/EN 60269-2  
DIN 43620

**TECHNICAL DATA**  
PAG 49

**ACCESSORIES ASSEMBLY**  
PAG 51

**DIMENSIONS**  
PAG 52   
PAG 53

**COMPATIBLE**  
gG 500V | gG 690V | aM 500V/690V FUSE LINKS  
PAG 4 gG 500V  
PAG 7 gG 690V  
PAG 10 aM 500V/690V

### ST NH 690V/800V fuse bases

Fuse bases for NH fuse links. For mounting on DIN/EN rail or with screw fixing. Single-phase or three-pole type. Connection by screws, fixed nut or clamps. Wide range of accessories (contact covers, fuse link covers, partition walls) that enables IP20 protection index.

Multi-pole units can be made with connection accessories. NH ST fuse bases are made of self-extinguishable materials and have silver plated copper contacts. There are two contact styles, one of them with double spring in order to obtain an optimum operation. Manufactured according IEC, EN and DIN standards

**NH1**

**SINGLE POLE**

U 690V/800V

In 250A

**THREE POLE**

U 690V/800V

In 250A

**NH2**

**SINGLE POLE**

U 690V/800V

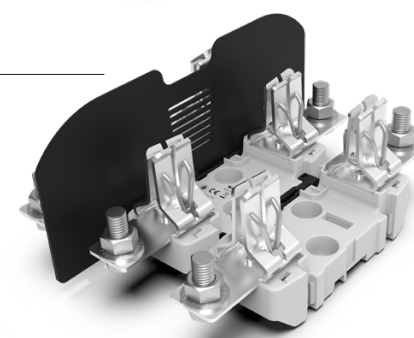
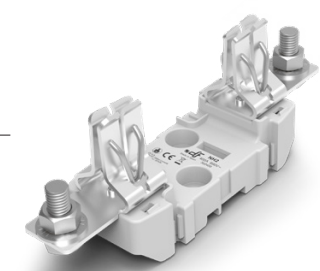
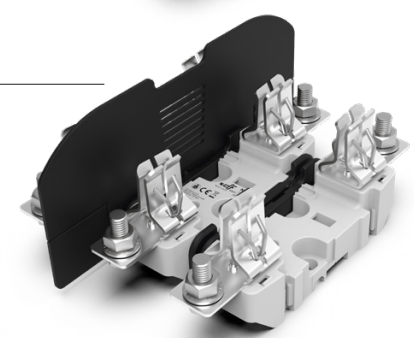
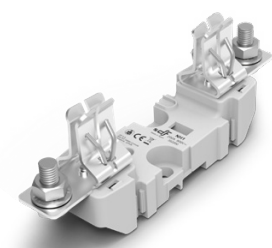
In 400A

**THREE POLE**

U 690V/800V

In 400A

FIXING	CONNECTION	REFERENCE	PACKING Uni /BOX
DIN RAIL + SCREW	SCREW	<b>352300</b>	3
DIN RAIL + SCREW	SCREW	<b>353300</b>	1
DIN RAIL + SCREW	SCREW	<b>352400</b>	3
DIN RAIL + SCREW	SCREW	<b>353400</b>	1



**STANDARDS**

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

**TECHNICAL DATA**

PAG 49   
PAG 50

**ACCESSORIES ASSEMBLY**

PAG 51

**DIMENSIONS**

PAG 53

**COMPATIBLE**  
gG 500V | gG 690V | aM 500V/690V FUSE LINKS

PAG 4 PAG 10   
PAG 7

### ST NH 690/800V fuse bases

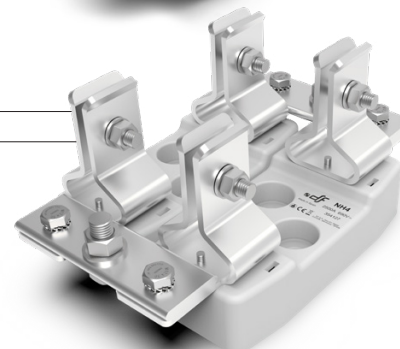
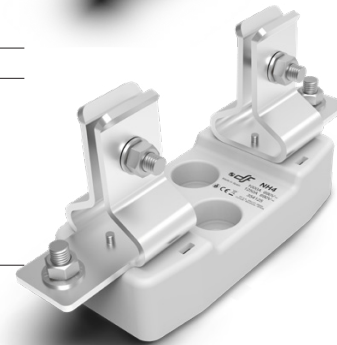
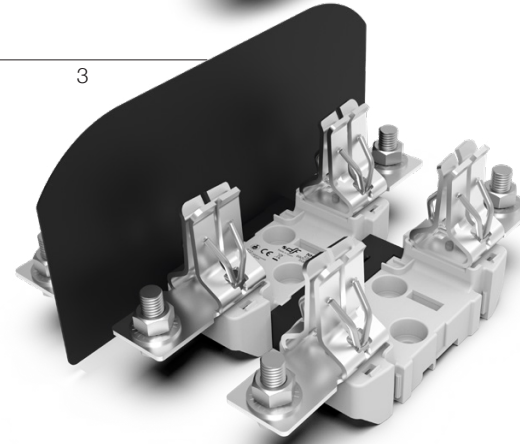
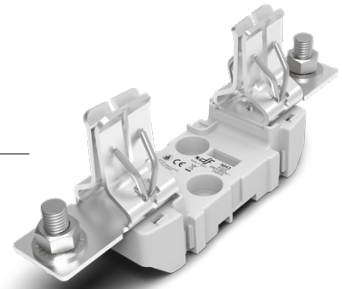
Fuse bases for NH fuse links. For mounting on DIN/EN rail or with screw fixing. Single-phase or three-pole type. Connection by screws, fixed nut or clamps. Wide range of accessories (contact covers, fuse link covers, partition walls) that enables IP20 protection index.

Multi-pole units can be made with connection accessories. NH ST fuse bases are made of self-extinguishable materials and have silver plated copper contacts. There are two contact styles, one of them with double spring in order to obtain an optimum operation. Manufactured according IEC, EN and DIN standards

NH3	
SINGLE POLE	
U	690V/800V
In	630A
THREE POLE	
U	690V/800V
In	630A

NH4	
SINGLE POLE	
U	690V
In	1000A 1250A
SINGLE POLE	
U	690V
In	1600A
SINGLE POLE	
U	690V
In	2500A

FIXING	CONNECTION	REFERENCE	PACKING Uni /BOX
DIN RAIL + SCREW	SCREW	352630	3
DIN RAIL + SCREW	SCREW	353630	3
SCREW	SCREW 2 M10 SCREWS	354125 354128	1 1
SCREW		354126	1
SCREW		354127 356127	1 1



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

TECHNICAL DATA
PAG 50

ACCESSORIES ASSEMBLY
PAG 51

DIMENSIONS
PAG 53
PAG 54

COMPATIBLE
gG 500V   gG 690V   aM 500V/690V FUSE LINKS
PAG 4 gG 500V   PAG 10 aM 500V/690V
PAG 7 gG 690V



### ST NH 690V with microswitch fuse bases

Fuse bases for NH fuse links with striker. For mounting on DIN/EN rail or screw fixing. Connection by screws. NH-ST fuse bases are made with self-extinguishable materials and have silver plated copper contacts with double spring in order to obtain optimum operation. Manufactured according IEC, EN and DIN standards.



SINGLE POLE

U 690V

In 160A

FIXING

DIN RAIL + SCREW

CONNECTION

SCREW

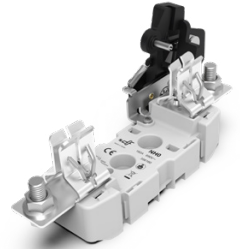
REFERENCE

356160

PACKING

Uni /BOX

1



SINGLE POLE

U 690V

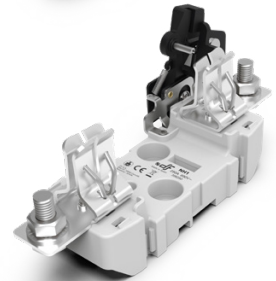
In 250A

DIN RAIL + SCREW

SCREW

356250

1



SINGLE POLE

U 690V

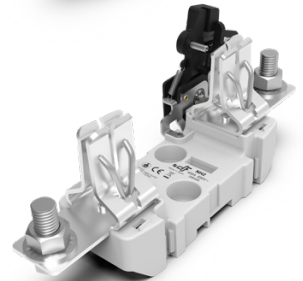
In 400A

DIN RAIL + SCREW

SCREW

356400

1



SINGLE POLE

U 690V

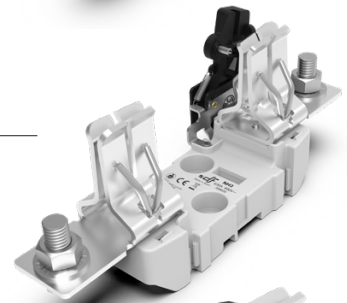
In 630A

DIN RAIL + SCREW

SCREW

356630

1



SINGLE POLE

U 690V

In 1000A  
1250A

SCREW

SCREW

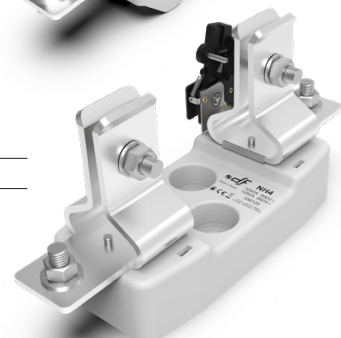
2 M10 SCREWS W/MIC

356125

356128

1

1



#### STANDARDS

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

#### TECHNICAL DATA

PAG 48   
PAG 49

#### ACCESSORIES ASSEMBLY

PAG 51

#### DIMENSIONS

PAG 55

#### COMPATIBLE

gG 500V | gG 690V | aM 500V/690V FUSE LINKS

PAG 4 gG 500V

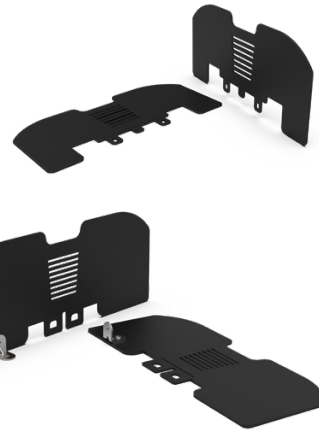
PAG 10 aM 500V/690V

PAG 7 gG 690V

## ST | NH ACCESSORIES fuse bases

### PARTITION WALLS SNAP FIXATION

SIZE	REFERENCE	PACKING Uni /BOX
NH00	<b>326100</b>	2
NH0	<b>326160</b>	2
NH1 (FIXED TO CONNECTOR)	<b>326200</b>	2
NH1 (DIRECTLY FIXED TO THE BODY)	<b>326201</b>	2
NH2	<b>326250</b>	2
NH3	<b>326630</b>	2
NH4	<b>343125</b>	1



### SCREW FIXATION

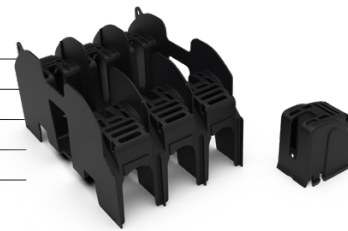
### SEPARATORS FOR MULTIPOLE UNITS

NH00	<b>325100</b>	2
NH0	<b>325160</b>	2
NH1	<b>325250</b>	2
NH2	<b>325400</b>	2
NH3	<b>325630</b>	2



### TERMINAL COVERS

NH00 SINGLE POLE	<b>325000</b>	6
NH00 THREE POLE INTEGRAL*	<b>325009</b>	1
NH0	<b>325001</b>	6
NH1	<b>325005</b>	6
NH2	<b>325003</b>	6
NH3	<b>325007</b>	6



### FUSE LINKS COVERS

NH00	<b>325010</b>	3
NH0	<b>325015</b>	3
NH1	<b>325018</b>	3
NH2	<b>325020</b>	3
NH3	<b>325025</b>	3



### IP20 PROTECTION KITS

#### SINGLE POLE

NH00	<b>325030</b>	1
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#### THREE POLE

NH00	<b>325032</b>	1
NH0	<b>325036</b>	1
NH1	<b>325042</b>	1
NH2	<b>325046</b>	1
NH3	<b>325051</b>	1



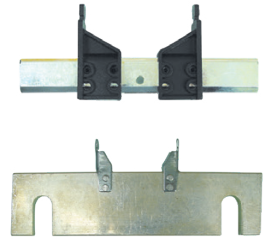


## ST | NH ACCESSORIES fuse bases

### NEUTRAL LINKS

DIMENSIONS  
PAG 46

SIZE	REFERENCE	PACKING Uni /BOX
NH00	<b>341100</b>	3/90
NH0	<b>341160</b>	3
NH1	<b>341250</b>	3
NH2	<b>341400</b>	3
NH3	<b>341630</b>	3
NH4	<b>340125</b>	1



### MICROSWITCHES FOR NH FUSE LINKS

NH000...NH3	<b>357010</b>	1/12
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### FUSE PULLER

DIMENSIONS  
PAG 62

INSTRUCTIONS  
PAG 63

NH00...NH4	<b>340001</b>	1
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### TERMINALS

#### 1 WIRE

SIZE	CROSS SECTION (mm <sup>2</sup> )	REFERENCE	PACKING Uni / BOX
NH00	6...50	<b>343100</b>	3
NH00 / NH0	10...95	<b>343160</b>	3
NH1	16...150	<b>343400</b>	3
NH2 / NH3	50...240	<b>343630</b>	3



#### 2 WIRES

NH00	6...50	<b>344100</b>	3
NH00 / NH0	10...95	<b>344160</b>	3
NH1	25-16...150	<b>344400</b>	3
NH2 / NH3	95-50...240	<b>344630</b>	3



DIMENSIONS  
PAG 56

# NH KNIFE-BLADE

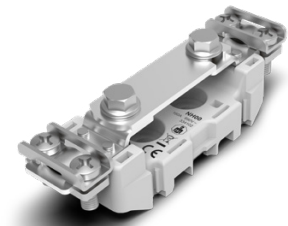
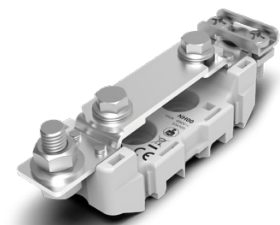
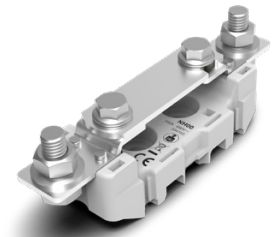
FUSE LINKS & FUSE BASES

**SN**

**sectionable  
neutral  
NH 690V  
fuse bases**

Neutral bases for mounting on DIN/EN rail or with screw fixing. Connection by screws or clamps. NH00 and NH0 can be mounted in NH ST fuse bases with connection accessories. Made of self-extinguishable materials and have silver plated copper contacts.

		CONNECTION	REFERENCE	PACKING Uni /BOX
	U <b>690V</b>	SCREW - SCREW	<b>334103</b>	3/90
	In <b>160A</b>			
	U <b>690V</b>	SCREW - SCREW	<b>334160</b>	3/30
	In <b>250A</b>			
	U <b>690V</b>	SCREW - SCREW	<b>334251</b>	3
	In <b>630A</b>			
	U <b>690V</b>	CLAMP - SCREW	<b>334101</b>	3/90
	In <b>160A</b>			
	U <b>690V</b>	CLAMP - SCREW	<b>334161</b>	3/30
	In <b>250A</b>			
	U <b>690V</b>	CLAMP - CLAMP	<b>334102</b>	3/90
	In <b>160A</b>			
	U <b>690V</b>	CLAMP - CLAMP	<b>334161</b>	3/30
	In <b>250A</b>			



**STANDARDS**  
IEC/EN 60269-1  
IEC/EN 60269-2  
DIN 43620

**DIMENSIONS**  
PAG 56

**COMPATIBLE**  
gG 500V | gG 690V | aM 500V/690V FUSE LINKS  
PAG 4 gG 500V      PAG 10 aM 500V/690V  
PAG 7 gG 690V

**BS** fuse switch disconnectors  
NH 690V  
fuse bases

Three-phase fuse switch disconnectors for NH fuse-links. Available from size 000 to size 3 for board fixing and a mode size 00 for mounting on 60 mm busbar system. They provide IP20 protection against contacts and are manufactured in self-extinguishable materials.

**NH000**

U **690V**

In **100A**

**NH00**

U **690V**

In **160A**

**NH1**

U **690V**

In **250A**

**NH2**

U **690V**

In **400A**

**NH3**

U **690V**

In **630A**

CONNECTION	REFERENCE	PACKING Uni /BOX
DIRECT	<b>335005</b>	1
SCREW OR CLAMP	<b>335025</b>	1
60mm BUSBAR (Clamp or Screw for output connection)	<b>335040</b>	1
M10 SCREW	<b>335095</b>	1
M10 SCREW	<b>335155</b>	1
M12 SCREW	<b>335195</b>	1



**STANDARDS**

IEC/EN 60947-1  
IEC/EN 60947-3

**DIMENSIONS**

PAG 57 PAG 59 PAG 61   
 PAG 58 PAG 60

**COMPATIBLE**  
 gG 500V | gG 690V | aM 500V/690V FUSE LINKS  
 PAG 4 PAG 10   
 PAG 7

# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES



**fuse switch  
disconnectors**  
NH single pole  
fuse bases

Single pole NH fuse switch disconnectors for NH fuse links (BUC). Available in sizes 00, 1 and 2. They provide IP20 protection against contacts. Ventilation zones optimized for a better heat dissipation. Manufactured in self-extinguishable materials.

**NH00**

U **500V AC/DC**

In **160A**

CONNECTION

REFERENCE

PACKING  
Uni /BOX

M8 SCREW

**336010**

1



**NH1**

U **500V AC/DC**

In **250A**

M10 SCREW

**336020**

1



**NH2**

U **500V AC/DC**

In **400A**

M10 SCREW

**336030**

1

**STANDARDS**

IEC/EN 60947-1  
IEC/EN 60947-3

**DIMENSIONS  
INSTRUCTIONS**

PAG 62

**COMPATIBLE**

gG 500V | gG 690V | aM 500V/690V FUSE LINKS

PAG 4 gG 500V

PAG 10 aM 500V/690V

PAG 7 gG 690V

**gG** | **gG**  
NH 500V  
fuse links



## TECHNICAL DATA

**RATED VOLTAGE**  
500V

**BREAKING CAPACITY**  
120kA



**RATED CURRENT**  
2A...100A



**RATED CURRENT**  
50A...160A



**RATED CURRENT**  
250A...400A



125A | 160A



200A...355A



425A...800A



6A...160A



63A...250A



315A...1250A

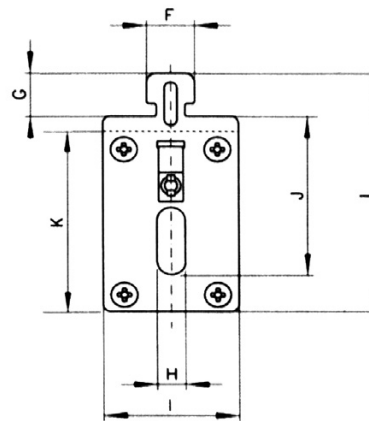
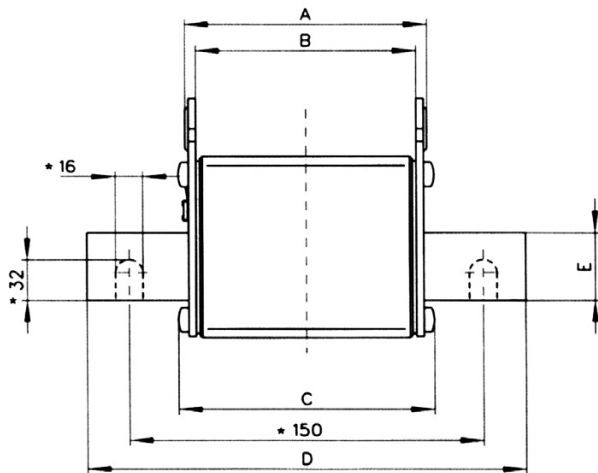


200A...250A



315A...500A

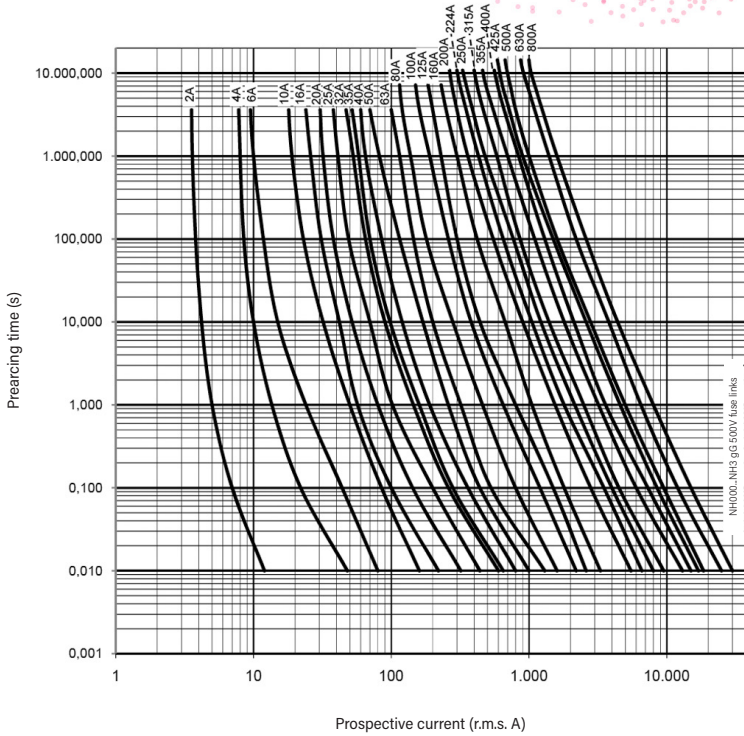
## DIMENSIONS



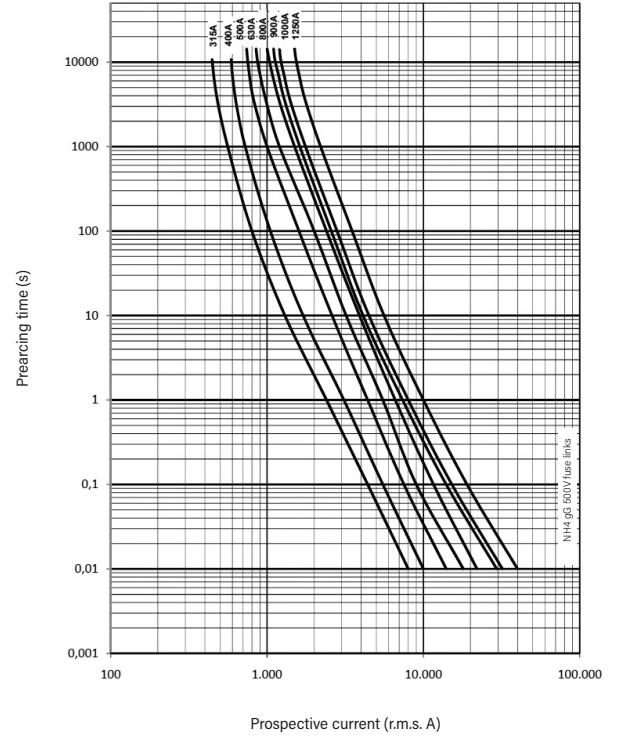
\* NH4 FUSE LINKS

	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

## t-I CHARACTERISTICS

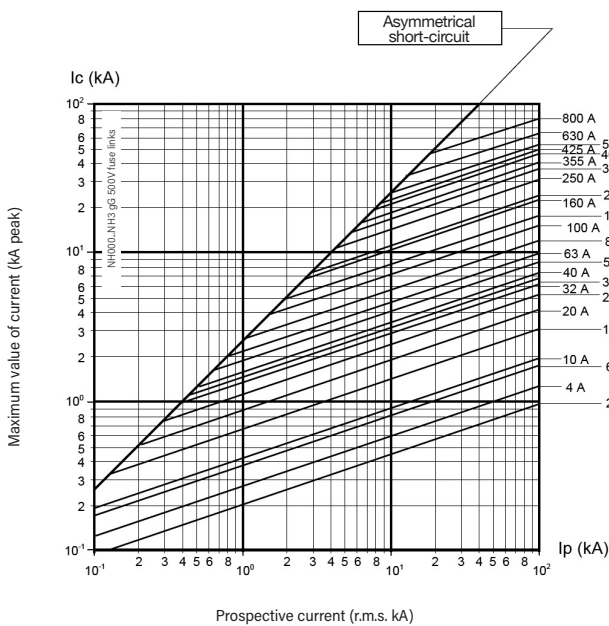


NH000 NH00 NH0 NH1 NH2 NH3

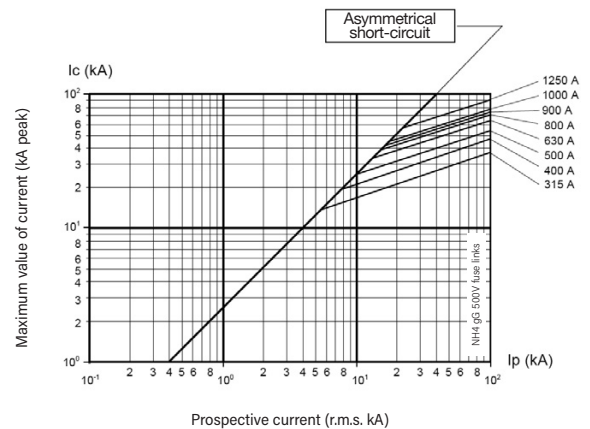


NH4

## CUT-OFF CHARACTERISTICS



NH000 NH00 NH0 NH1 NH2 NH3



NH4

## I<sup>2</sup>t CHARACTERISTICS

RATED CURRENT (A)	PREARcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> S)	I <sup>2</sup> t 230V (A <sup>2</sup> S)	I <sup>2</sup> t 400V (A <sup>2</sup> S)	I <sup>2</sup> t 500V (A <sup>2</sup> S)
2	1,5	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

## POWER DISSIPATION

RATED CURRENT (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

**gG** | **gG**  
NH 690V  
fuse links



## TECHNICAL DATA

**RATED VOLTAGE**  
690V

**BREAKING CAPACITY**  
80kA

NH000

**RATED CURRENT**  
2A...40A

NHC1

**RATED CURRENT**  
50A...100A

NHC3

**RATED CURRENT**  
250A | 315A

NH00

50A...100A

NH1

125A...200A

NH3

355A...500A

NH0

6A...100A

NHC2

63A...200A

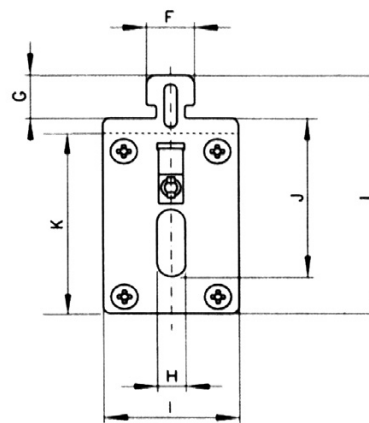
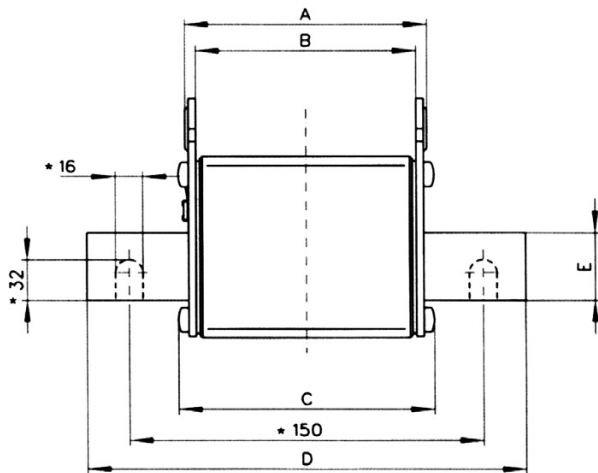
NH4

400A...800A

NH2

224A...315A

## DIMENSIONS

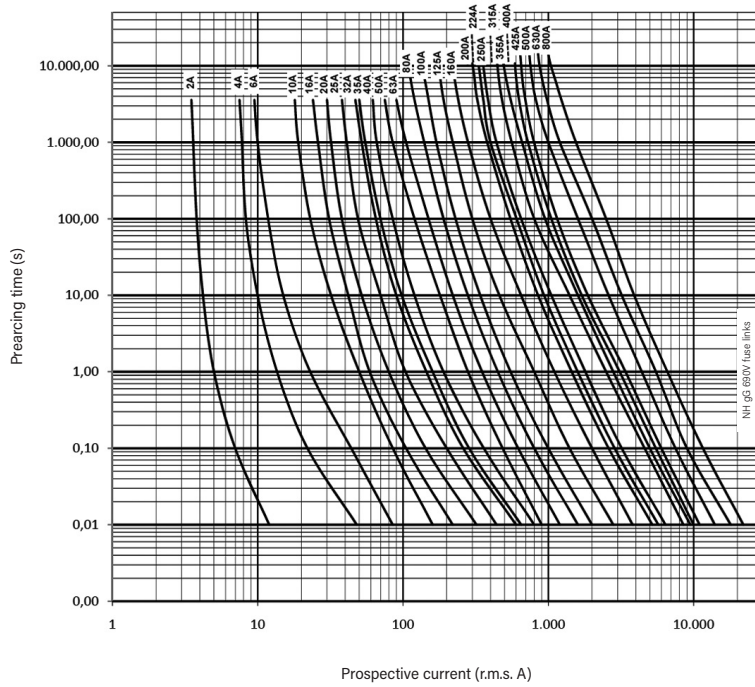


\* NH4 FUSE LINKS

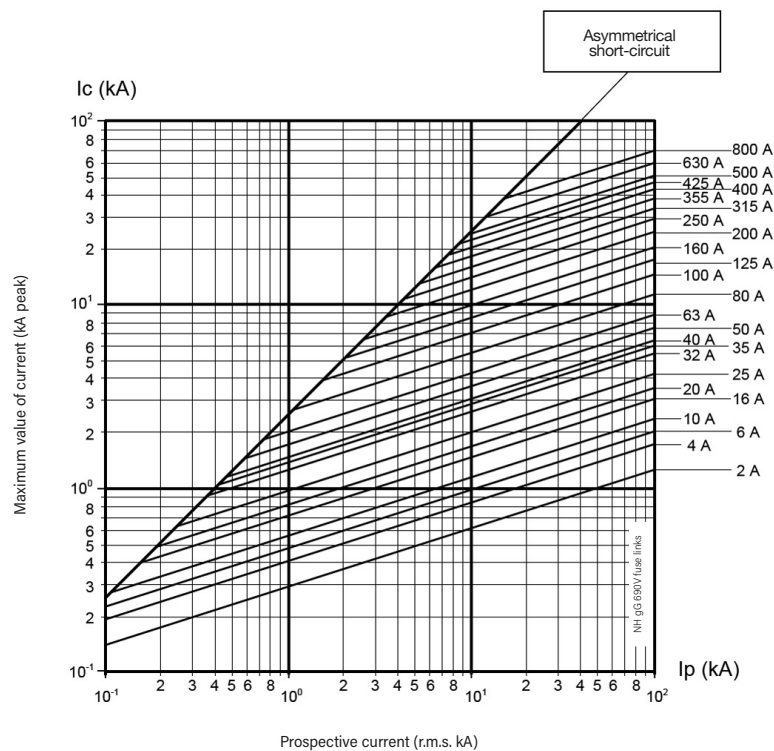
	A	B	C	D	E	F	G	H	I	J	K	L
NH000	49	45	52	78,5	15	10	9,5	6	21	35	40	53
NH00	49	44	52	78,5	15	10	9,5	6	29	35	47	59
NH0	66	60,5	66,5	125	15	10	9,5	6	29	35	47	59
NH0 S	66	62	66,5	125	15	10	9,5	6	39	35	47	59
NHC1	68	62	70,5	135	15	10	9,5	6	29	40	47	64
NH1	68	62	71,5	135	20	10	9,5	6	39	40	52	64
NHC2	68	62	71,5	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



## t-I CHARACTERISTICS



## CUT-OFF CHARACTERISTICS



## I<sup>2</sup>t CHARACTERISTICS

RATED CURRENT	PREARcing I <sup>2</sup> t	I <sup>2</sup> t 400V	I <sup>2</sup> t 500V	I <sup>2</sup> t 690V
(A)	≈ 4 ms (A <sup>2</sup> S)	(A <sup>2</sup> S)	(A <sup>2</sup> S)	(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

## POWER DISSIPATION

RATED CURRENT	SIZE						
	NH000	NH00	NH0/NH0S	NH1	NH2	NH3	NH4
(A)	(W)	(W)	(W)	(W)	(W)	(W)	(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

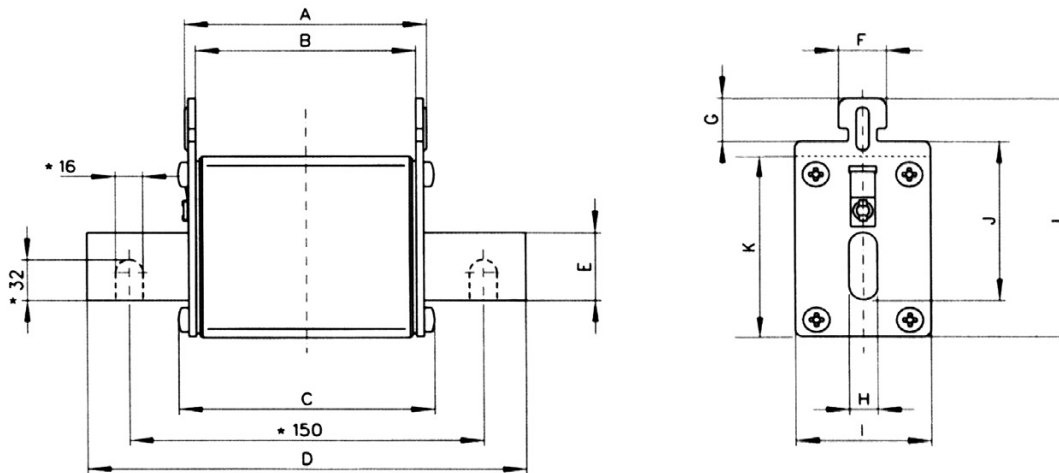
**aM** | **aM**  
NH 500V/690V  
fuse links



## TECHNICAL DATA

	RATED VOLTAGE	RATED CURRENT		RATED VOLTAGE	RATED CURRENT		RATED VOLTAGE	RATED CURRENT
	690V	6A...40A		690V	63A...100A		690V	315A   355A
	690V 500V	50A...100A 125A   160A		690V 500V	125A...200A 224A   250A		690V 500V	400A...500A 630A
	690V 500V	6A...100A 125A   160A		690V	125A...200A		690V 500V	400A...800A 315A...1250A
	690V 500V	125A   160A 200A		690V 500V	224A...355A 400A			

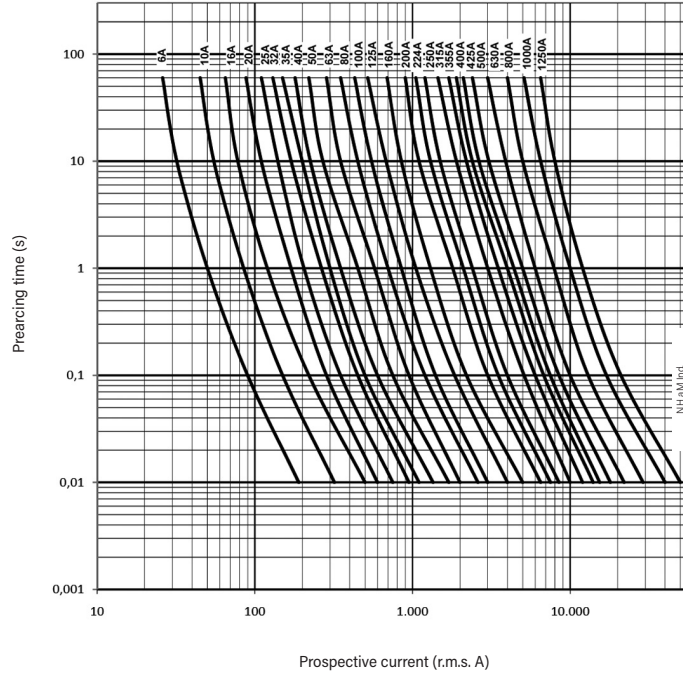
## DIMENSIONS



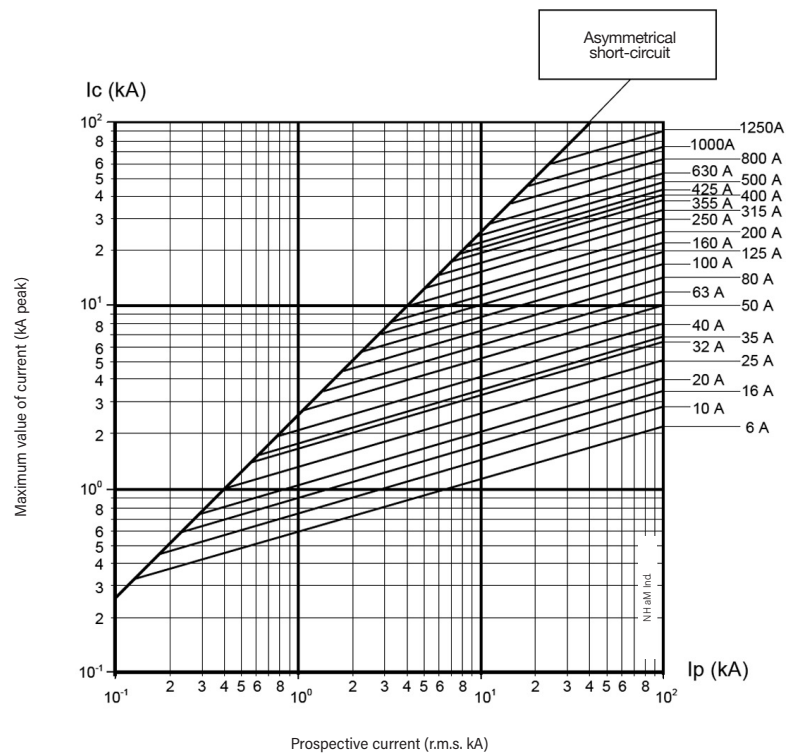
\* NH4 FUSE LINKS

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

## t-I CHARACTERISTICS



## CUT-OFF CHARACTERISTICS



## I<sup>2</sup>t CHARACTERISTICS

RATED CURRENT (A)	PREARcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> S)	I <sup>2</sup> t 400V (A <sup>2</sup> S)	I <sup>2</sup> t 500V (A <sup>2</sup> S)	I <sup>2</sup> t 690V (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	-

## POWER DISSIPATION

RATED CURRENT (A)	SIZE						
	NH000 (W)	NH00 (W)	NH0/NH0S (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

**gG**  
NH 500V  
with striker  
fuse links



## TECHNICAL DATA

**RATED VOLTAGE**  
500V

**BREAKING CAPACITY**  
120kA

**NH0S**

**RATED CURRENT**  
32A...200A

**NH3**

**RATED CURRENT**  
315A...630A

**NH1**

63A | 355A

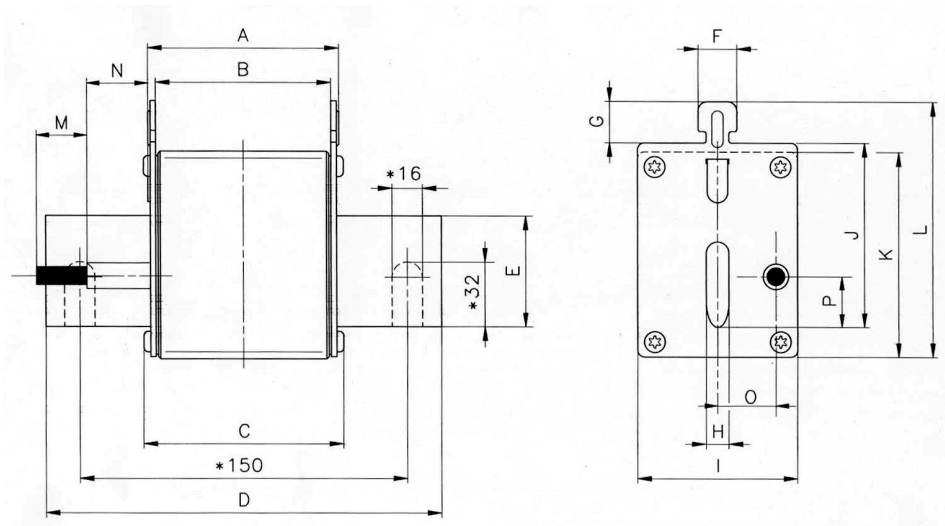
**NH4**

315A...1250A

**NH2**

125A...500A

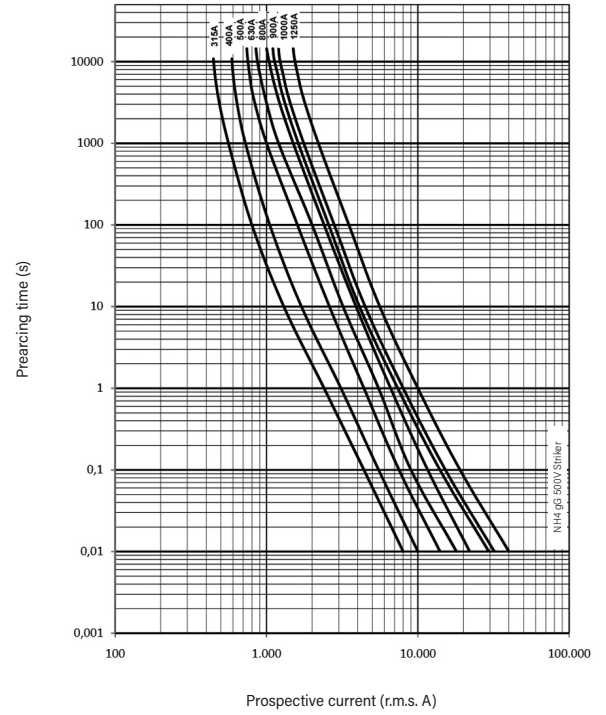
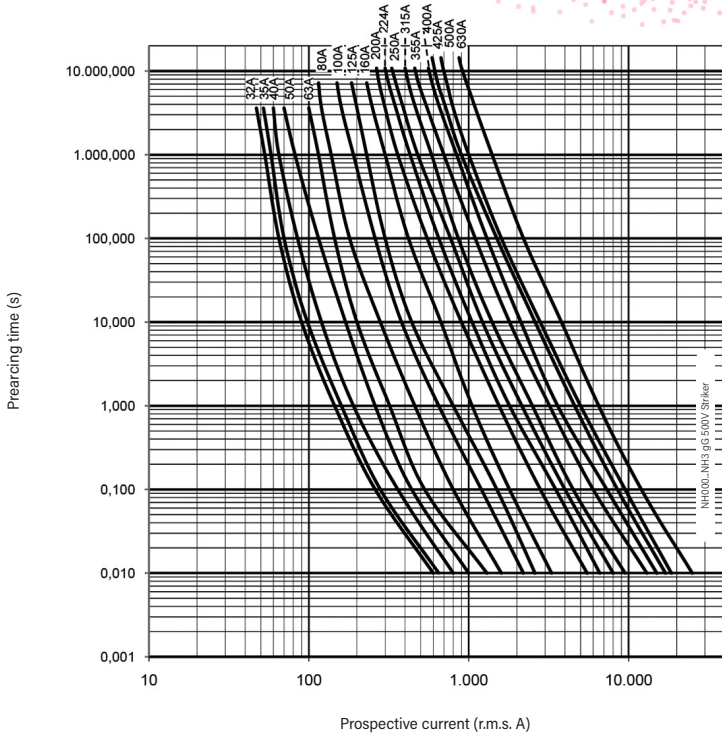
## DIMENSIONS



\* NH4 FUSE LINKS

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

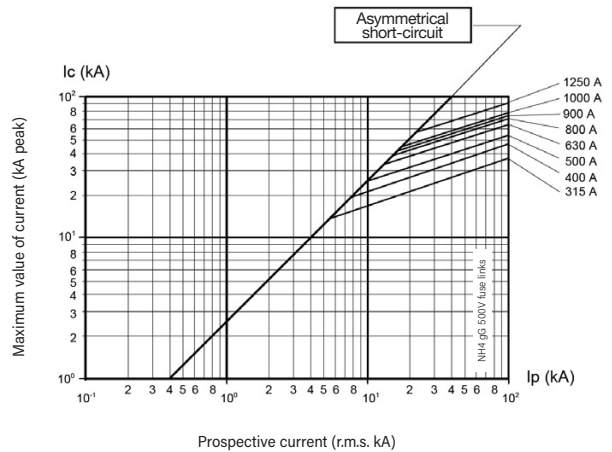
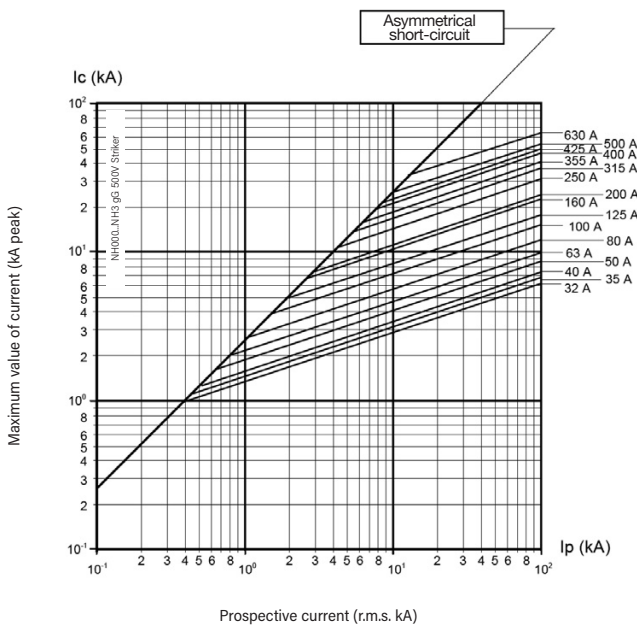
## t-I CHARACTERISTICS



- NH000
- NH00
- NH0
- NH1
- NH2
- NH3

- NH4

## CUT-OFF CHARACTERISTICS



- NH000
- NH00
- NH0
- NH1
- NH2
- NH3

- NH4

## I<sup>2</sup>t CHARACTERISTICS

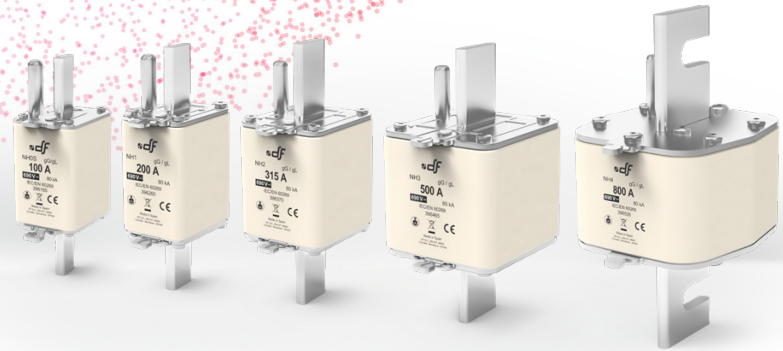
RATED CURRENT (A)	PREARcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> S)	I <sup>2</sup> t 230V (A <sup>2</sup> S)	I <sup>2</sup> t 400V (A <sup>2</sup> S)	I <sup>2</sup> t 500V (A <sup>2</sup> S)
32	2.779	4.100	5467	6.475
35	3.190	4.710	6276	7.433
40	4.594	6.780	9037	10.700
50	5.600	11.075	14.772	17.500
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

## POWER DISSIPATION

RATED CURRENT (A)	SIZE				
	NH0 S (W)	NH1 (W)	NH2 (W)	NH3 (W)	NH4 (W)
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



**gG**  
NH 690V  
with striker  
fuse links



## TECHNICAL DATA

RATED VOLTAGE  
690V

BREAKING CAPACITY  
80kA

NH0S

RATED CURRENT  
32A...100A

NH3

RATED CURRENT  
315A...500A

NH1

63A | 200A

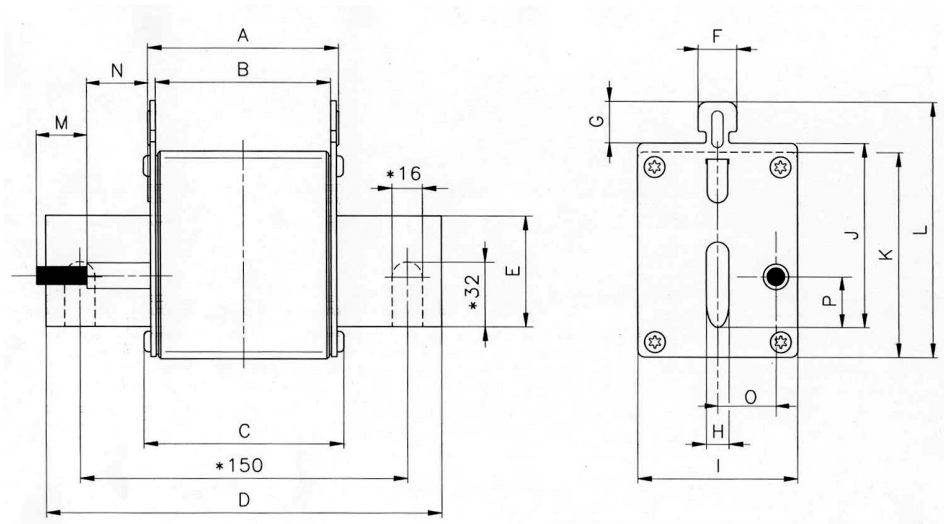
NH4

400A...800A

NH2

125A...315A

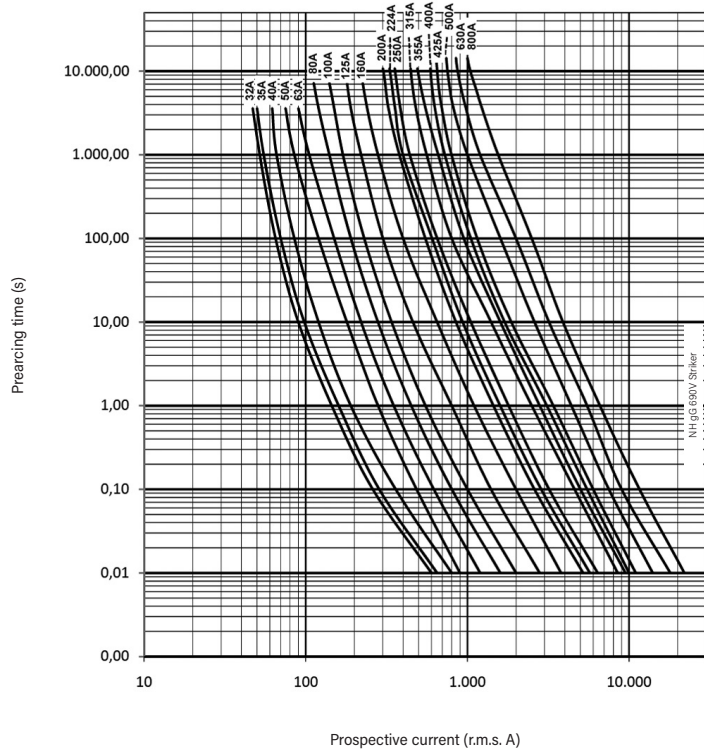
## DIMENSIONS



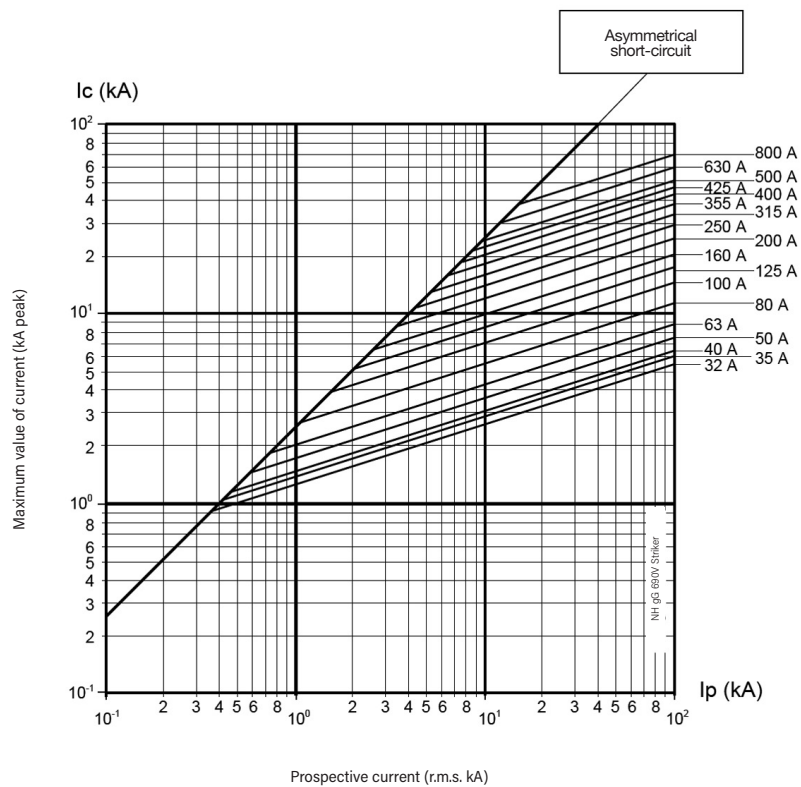
\* NH4 FUSE LINKS

	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

## t-I CHARACTERISTICS



## CUT-OFF CHARACTERISTICS



## I<sup>2</sup>t CHARACTERISTICS

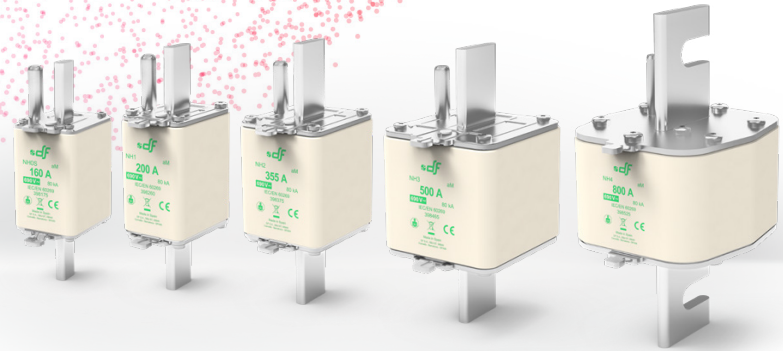
RATED CURRENT (A)	PREARcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> S)	I <sup>2</sup> t 400V (A <sup>2</sup> S)	I <sup>2</sup> t 500V (A <sup>2</sup> S)	I <sup>2</sup> t 690V (A <sup>2</sup> S)
32	3.064	4.840	5.426	6.740
35	3.517	5.556	6.229	7.740
40	4.650	8.001	8.970	11.150
50	4.800	8.574	10.310	14.630
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

## POWER DISSIPATION

RATED CURRENT (A)	SIZE				
	NH0 S (W)	NH1 (W)	NH2 (W)	NH3 (W)	NH4 (W)
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



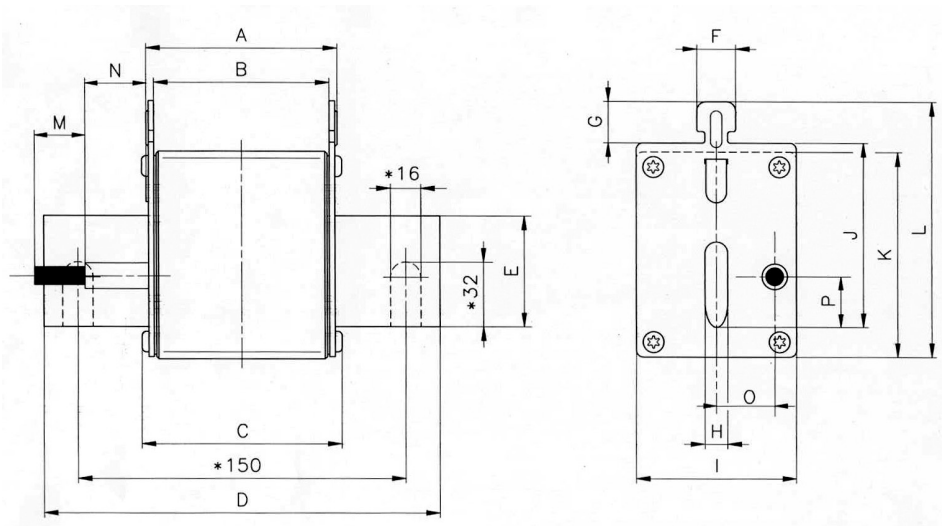
**aM**  
NH 500V/690V  
with striker  
fuse links



## TECHNICAL DATA

	RATED VOLTAGE	RATED CURRENT		RATED VOLTAGE	RATED CURRENT
	690V 500V	32A...200A 200A		690V 500V	400A...500A 630A
	690V 500V	80A...200A 250A		690V 500V	400A...800A 315A...1250A
	690V 500V	125A...355A 400A			

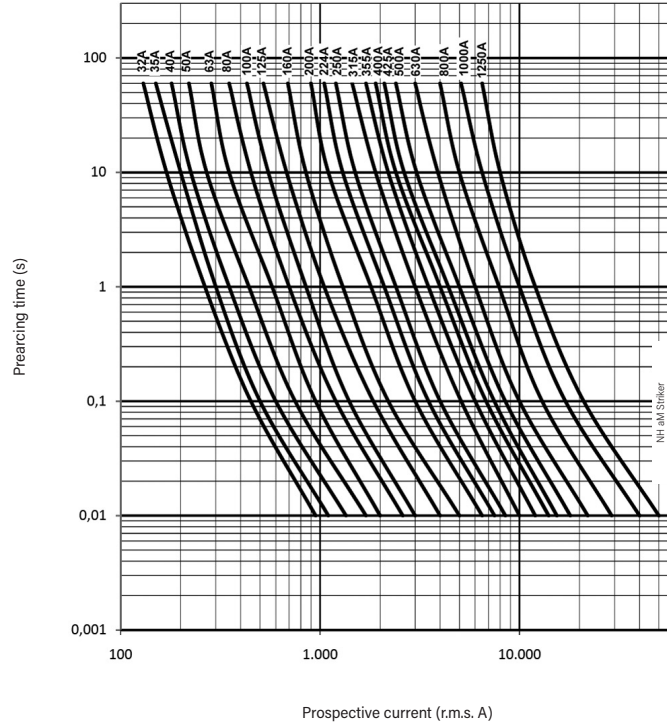
## DIMENSIONS



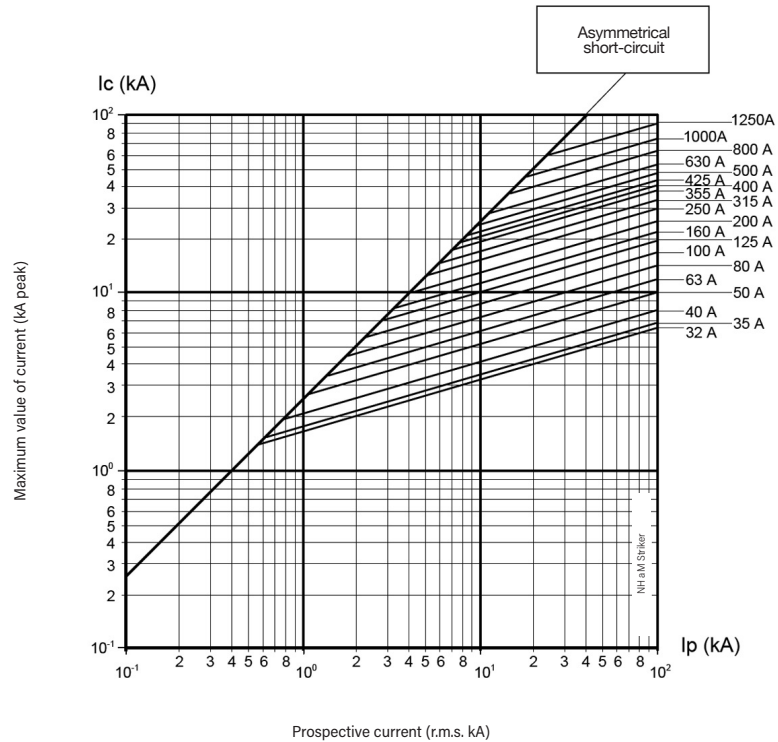
\* NH4 FUSE LINKS

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

## t-I CHARACTERISTICS



## CUT-OFF CHARACTERISTICS



## I<sup>2</sup>t CHARACTERISTICS

RATED CURRENT (A)	PREARcing I <sup>2</sup> t ≈ 4 ms (A <sup>2</sup> S)	I <sup>2</sup> t 400V (A <sup>2</sup> S)	I <sup>2</sup> t 500V (A <sup>2</sup> S)	I <sup>2</sup> t 690V (A <sup>2</sup> S)
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	-

## POWER DISSIPATION

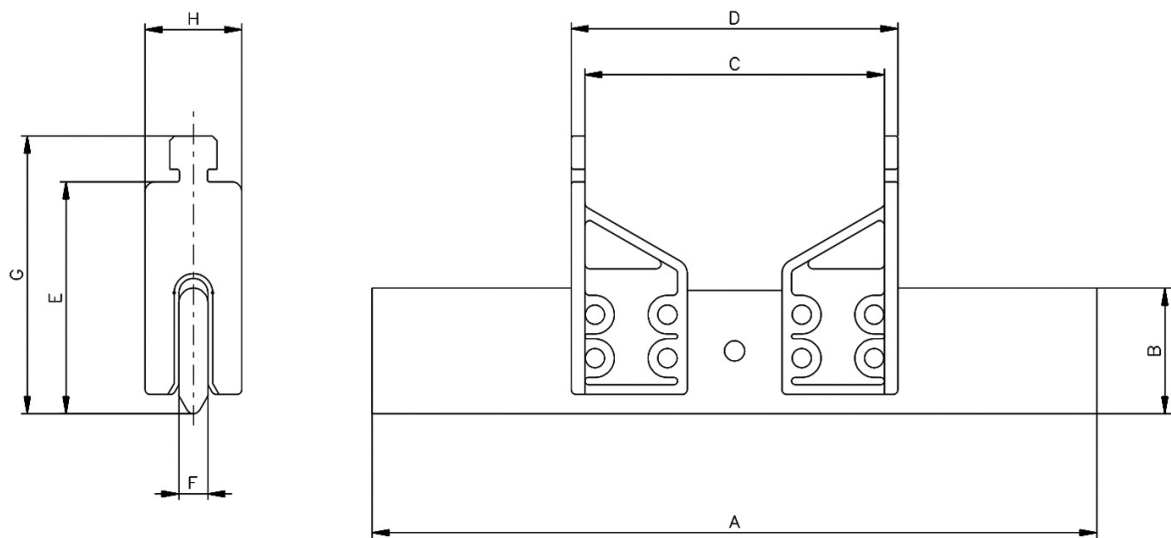
RATED CURRENT (A)	SIZE				
	NH0 S (W)	NH1 (W)	NH2 (W)	NH3 (W)	NH4 (W)
32	1,8	-	-	-	-
35	1,9	-	-	-	-
40	2,4	-	-	-	-
50	3,0	-	-	-	-
63	4,0	-	-	-	-
80	5,4	4,9	-	-	-
100	6,6	6,6	-	-	-
125	8,3	8,7	8,4	-	-
160	10,5	9,7	10,4	-	-
200	12,3	13,8	14,3	-	-
224	-	14,6	14,0	-	-
250	-	18,1	16,5	-	-
315	-	-	22,0	-	18,8
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



**gG/aM**  
neutral link  
fuse links

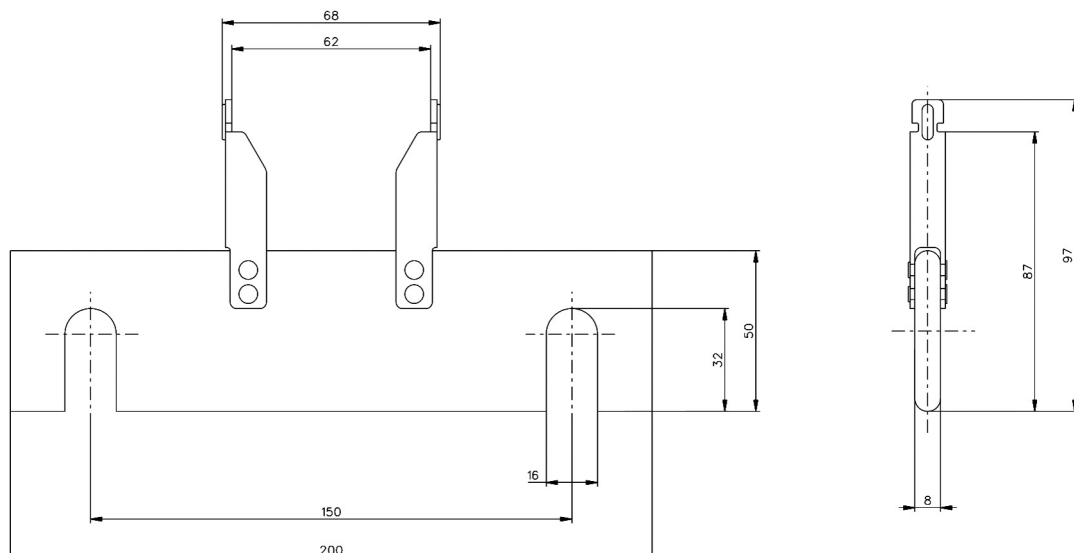
## DIMENSIONES

- NH000
- NH00
- NH0
- NH1
- NH2
- NH3



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

- NH4





## 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 tables).



	RATED CURRENT	MAX. DC VOLTAGE	DC BREAKING CAPACITY
<b>000</b> <b>00</b>	2A...100A 125A...160A	250V DC	80 kA
<b>0</b> <b>0S</b>	6A...160A 200A...250A	250V DC 125V DC	80 kA
<b>1</b>	50A...250A 315A...355A	250V DC 80V DC	80 kA
<b>2</b>	63A...400A 425A...500A	250V DC 80V DC	80 kA
<b>3</b>	250A...630A 800A	250V DC 80V DC	80 kA
<b>4</b>	315A...1000A 1250A	250V DC 80V DC	50 kA



	RATED CURRENT	MAX. DC VOLTAGE	DC BREAKING CAPACITY
<b>000   00</b>	2A...100A	250V DC	25 kA
<b>0</b>	6A...100A	440 V DC	25 kA
<b>1</b>	50A...200A	440 V DC	25 kA
<b>2</b>	63A...315A	440 V DC	25 kA
<b>3</b>	250A...500A	440 V DC	25 kA
<b>4</b>	400A...800A	440 V DC	25 kA

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 (consult us).

Typical time constants:

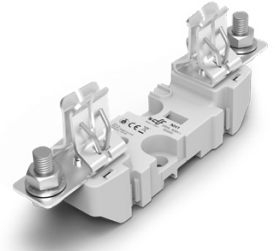
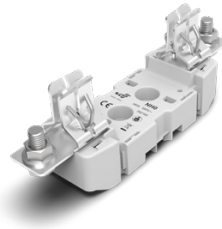
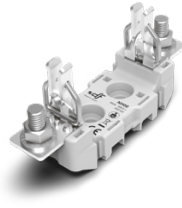
- Batteries  $\leq 3$  ms.
- DC control circuits  $\approx 10$  ms.
- DC motors 20÷40 ms.

For very inductive circuits, we recommend to place two fuses in series.



# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES



**BODY** POLYAMIDE +25% F.V. UL94-V0 POLYAMIDE +25% F.V. UL94-V0 POLYAMIDE +25% F.V. UL94-V0

**CONTACTS** SILVER PLATED COPPER SILVER PLATED COPPER SILVER PLATED COPPER

**SCREW, NUT AND WASHERS** STEEL QUALITY 8.8 STEEL QUALITY 8.8 STEEL QUALITY 8.8

DERATING TEMPERATURE	20 °C	1	1	1
	30 °C	0,95	0,95	0,95
	40 °C	0,9	0,9	0,9
	50 °C	0,8	0,8	0,8
	60 °C	0,7	0,7	0,7
	70 °C	0,6	0,6	0,6
	80 °C	0,5	0,5	0,5

**MAX. POWER DISIPATION** 12 W 25 W 32 W

**DEGREE OF PROTECTION** IP00/IP20 IP00/IP20 IP00/IP20

CONNECTING	SCREW	M8	M8	M10
	CLAMP	2 x M6		

MAX. TIGHTENING TORQUE	SCREW	10 Nm	10 Nm	32 Nm
	CLAMP	4 Nm		

FIXING	RAIL DIN	•	•	•
	SCREW	•	•	•

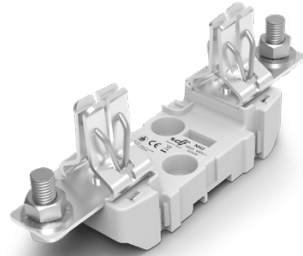
WITH MICROSWITCH 16A - 250V	PRESENCE FUSING	-	•	•
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**AMBIENT TEMPERATURE OF SERVICE** -20 ... 80 °C -20 ... 80 °C -20 ... 80 °C

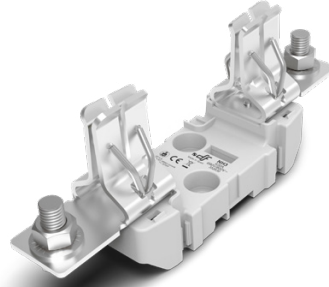
**STORAGE TEMPERATURE** -40 ... 80 °C -40 ... 80 °C -40 ... 80 °C

# NH KNIFE-BLADE

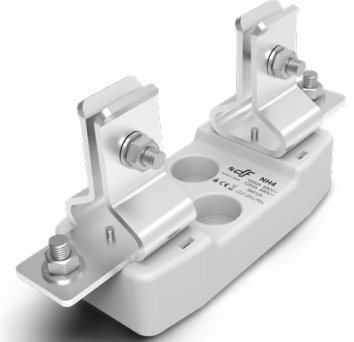
FUSE LINKS & FUSE BASES



ST NH2



ST NH3

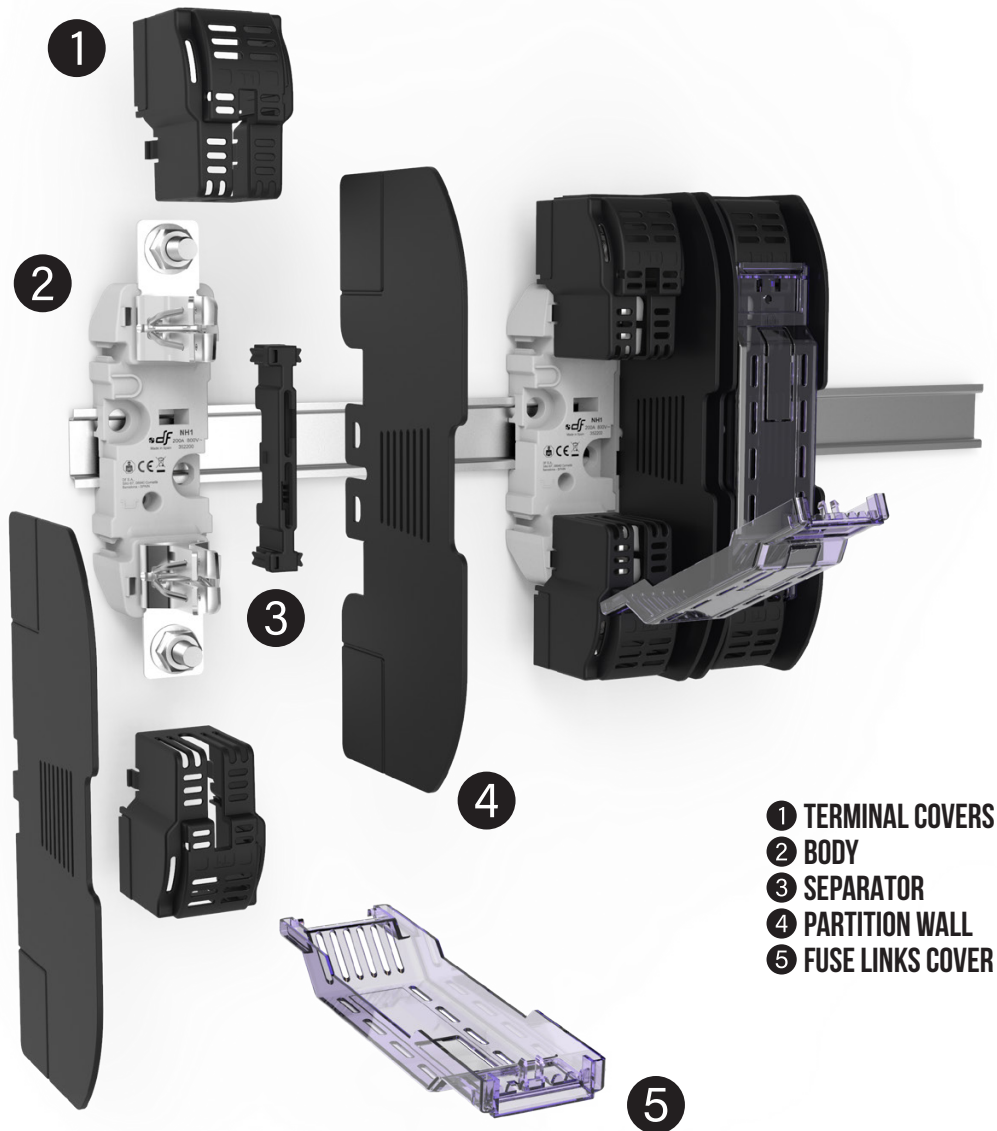


ST NH4

<b>BODY</b>		POLYAMIDE +25% F.V. UL94-V0	POLYAMIDE +25% F.V. UL94-V0	UP THERMOSSETING
<b>CONTACTS</b>		SILVER PLATED COPPER	SILVER PLATED COPPER	SILVER PLATED COPPER
<b>SCREW, NUT AND WASHERS</b>		STEEL QUALITY 8.8	STEEL QUALITY 8.8	STEEL QUALITY 8.8
<b>DERATING TEMPERATURE</b>	20 °C	1	1	1
	30 °C	0,95	0,95	0,95
	40 °C	0,9	0,9	0,9
	50 °C	0,8	0,8	0,8
	60 °C	0,7	0,7	0,7
	70 °C	0,6	0,6	0,6
	80 °C	0,5	0,5	0,5
<b>MAX. POWER DISIPATION</b>		45 W	60 W	90 W
<b>DEGREE OF PROTECTION</b>		IP00/IP20	IP00/IP20	IP00
<b>CONNECTING</b>	SCREW			
	CLAMP	M12	M12	M16
<b>MAX. TIGHTENING TORQUE</b>	SCREW	32 Nm	32 Nm	56 Nm
	CLAMP			
<b>FIXING</b>	RAIL DIN	•	•	-
	SCREW	•	•	•
<b>WITH MICROSWITCH 16A - 250V</b>	PRESENCE FUSING	•	•	•
<b>AMBIENT TEMPERATURE OF SERVICE</b>		-20 ... 80 °C	-20 ... 80 °C	-20 ... 80 °C
<b>STORAGE TEMPERATURE</b>		-40 ... 80 °C	-40 ... 80 °C	-40 ... 80 °C

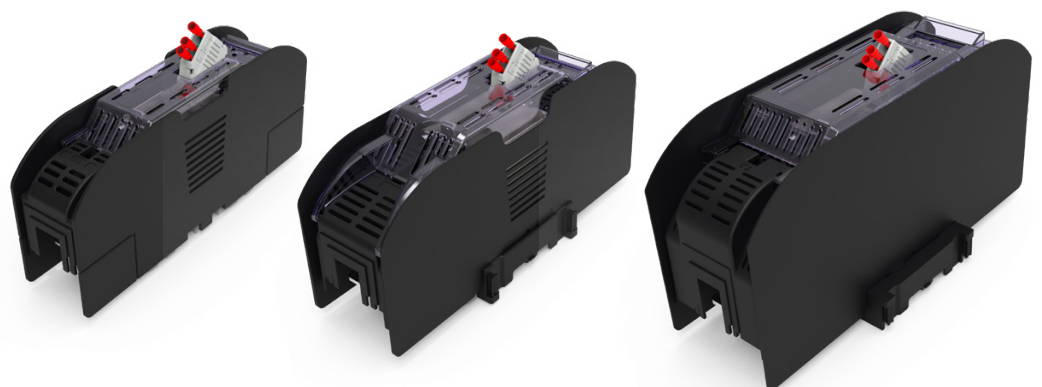
**ST** | **ST**  
**NH 690V/800V**  
 fuse bases

## ACCESSORIES ASSEMBLY



- 1** TERMINAL COVERS
- 2** BODY
- 3** SEPARATOR
- 4** PARTITION WALL
- 5** FUSE LINKS COVER

The fuseholder allows using simultaneously a microswitch for NH fuse links and IP20 protection accessories.



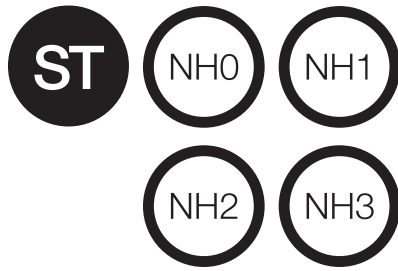
ACCESSORIES

PAG 24



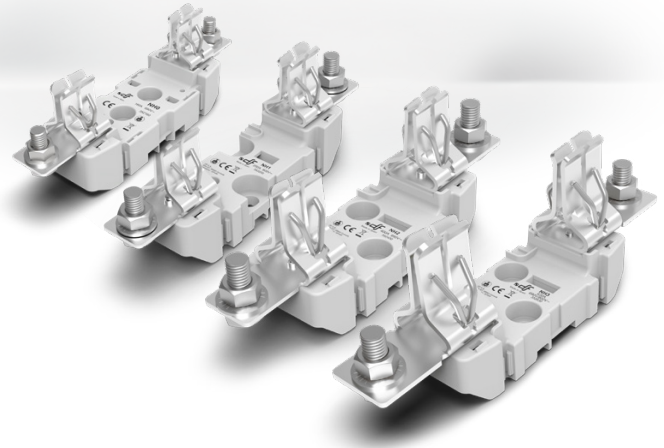
# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

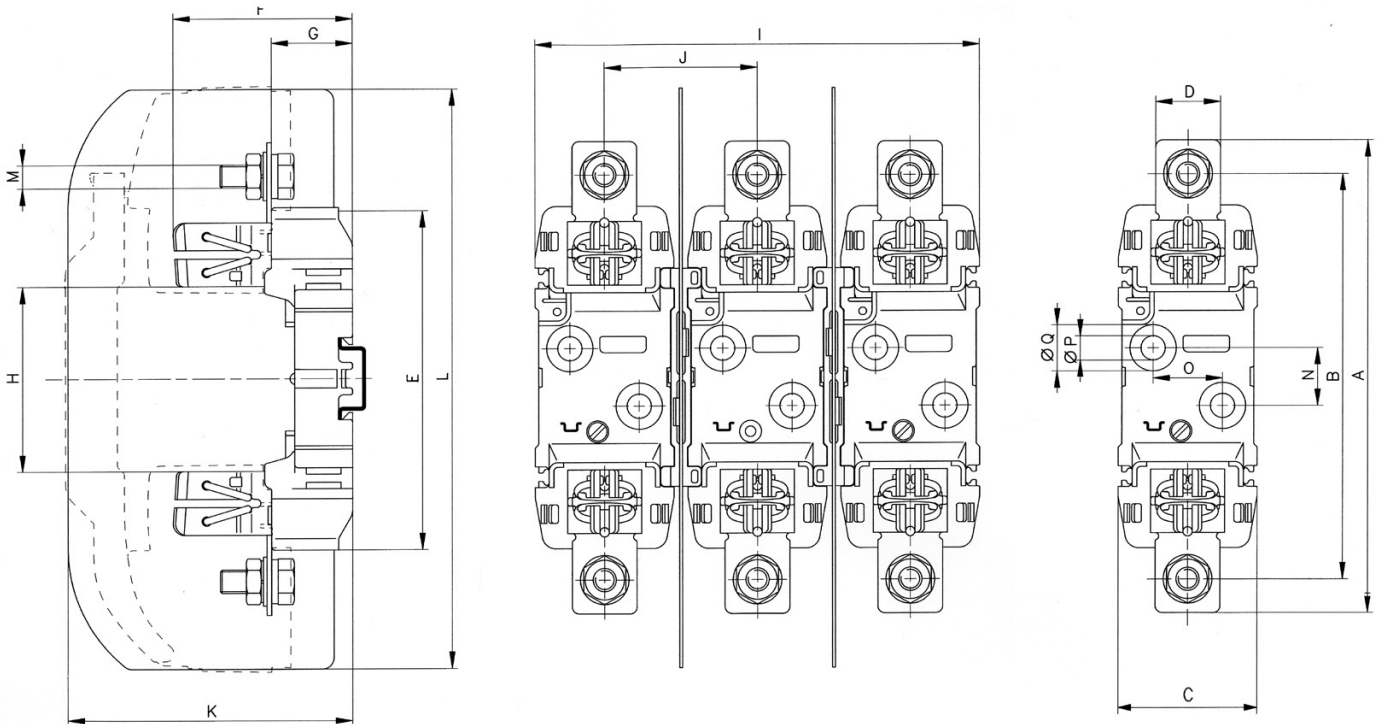


## ST NH 690V/800V fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX*
690V <small>(NH0)</small>	160A	IP20
690V/800V <small>(NH1) (NH2) (NH3)</small>	250A 400A 630A	*with IP20 protection kit



## DIMENSIONS



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
NH0	170	150	47	24	122	63	29	74	144	48,5	91,5	185	M8	25	-	7,5	15
NH1	200	175	48	28	146	77,5	35	80	169,5	60,8	107	230	M10	25	30	10,5	20
NH2	225	200	60	32	146	88	35	80	192	66	123	250	M12	25	30	10,5	20
NH3	240	210	60	38	146	97	35	80	224	82	143	270	M12	25	30	10,5	20



# NH KNIFE-BLADE

FUSE LINKS & FUSE BASES

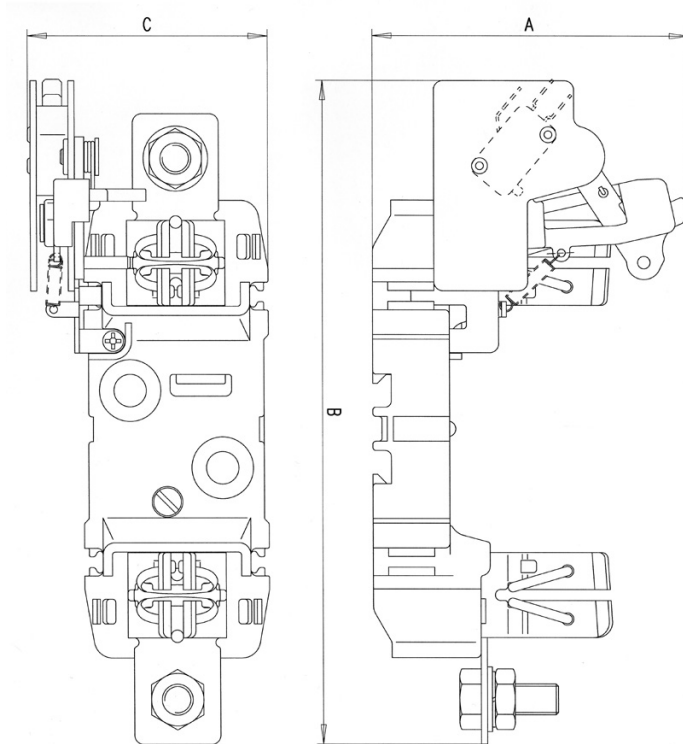
**ST**

**ST**  
NH 690V  
with microswitch  
fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
690V	160A	IP00
	250A	
	400A	
	630A	



## DIMENSIONS

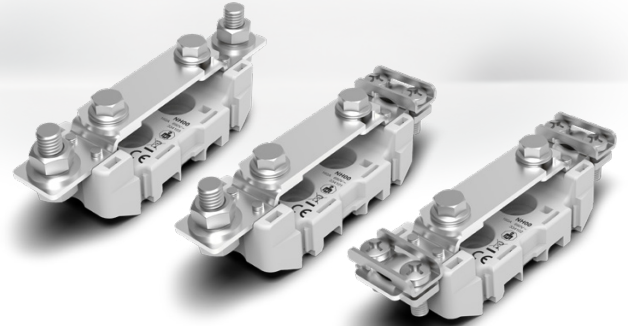


	<b>A</b>	<b>B</b>	<b>C</b>
<b>NH0</b>	90	193	65,5
<b>NH1</b>	98	215	76
<b>NH2</b>	102	227	76
<b>NH3</b>	102	235	76
<b>NH4</b>	140	284	113

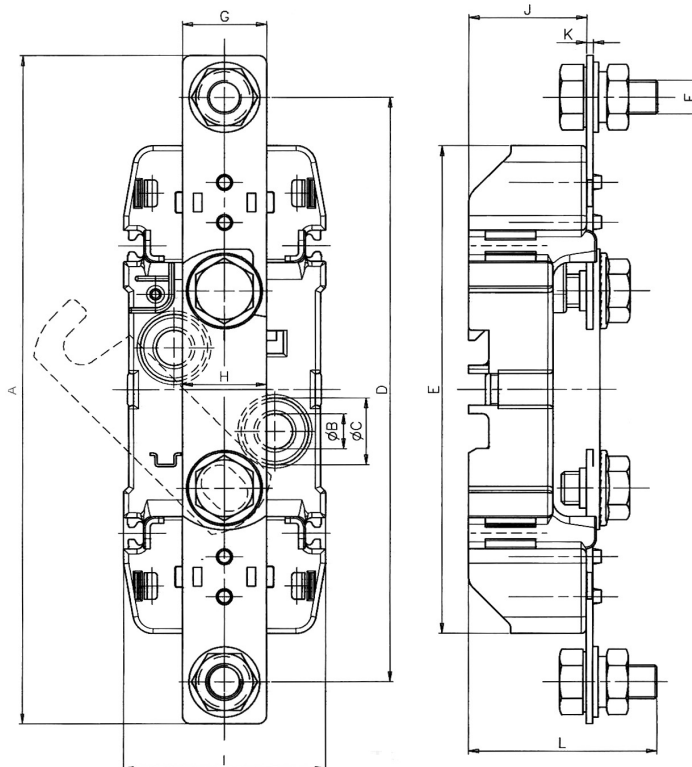
**SN**

**sectionable  
neutral  
NH 690V  
fuse bases**

RATED VOLTAGE	RATED CURRENT
690V	160A
	250A
	630A



## DIMENSIONS



	A	B	C	D	E	F	G	H	I	J	K	L
NH00	120,5	7,5	15	100	86	M8	20	0	37	23	2	43
NH0	170	7,5	15	150	122	M8	20	0	47	29	2	49
NH1/ NH2 / NH3	200	10,5	20	175	146	M10	25	30	60	35	2	60



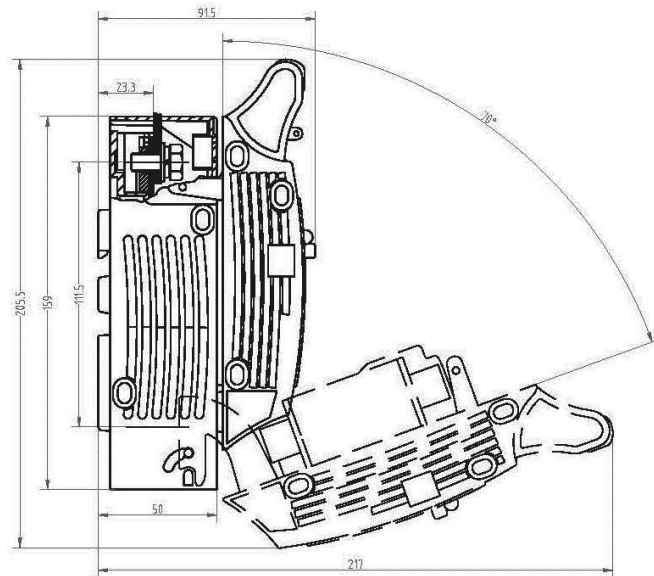
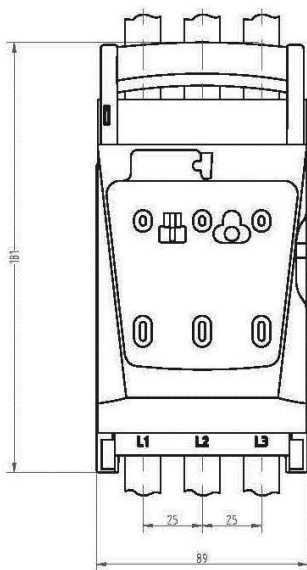


**fuse switch  
disconnectors**  
NH 690V  
fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
690V	160A	IP20



## DIMENSIONS



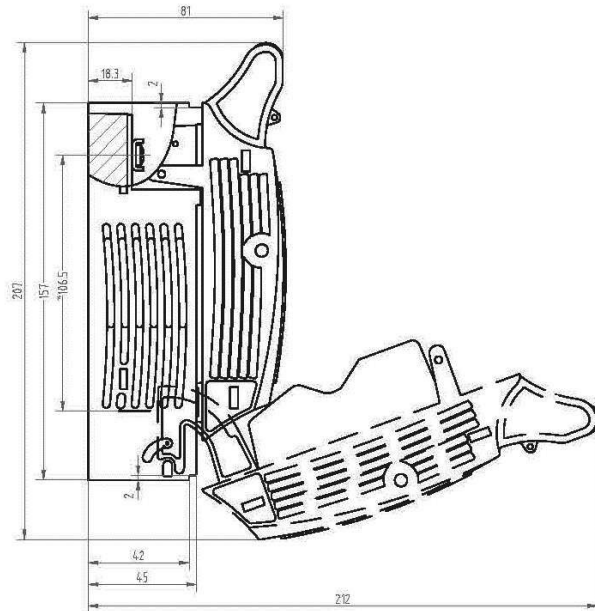
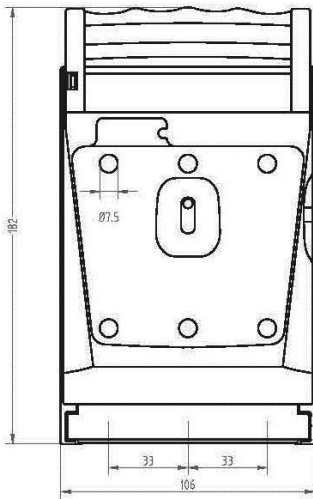


**fuse switch  
disconnectors**  
NH 690V  
fuse bases

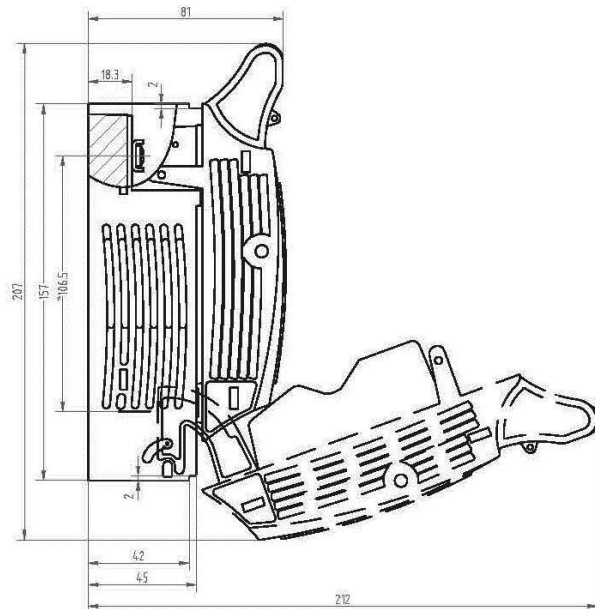
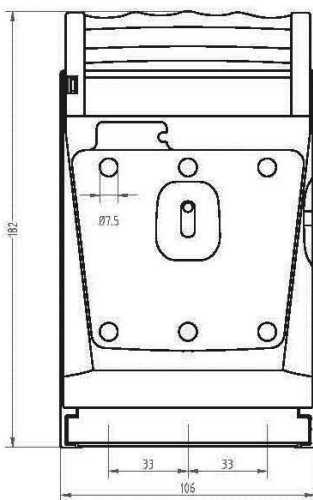
RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
690V	160A	IP20



## DIMENSIONS



## BUSBAR



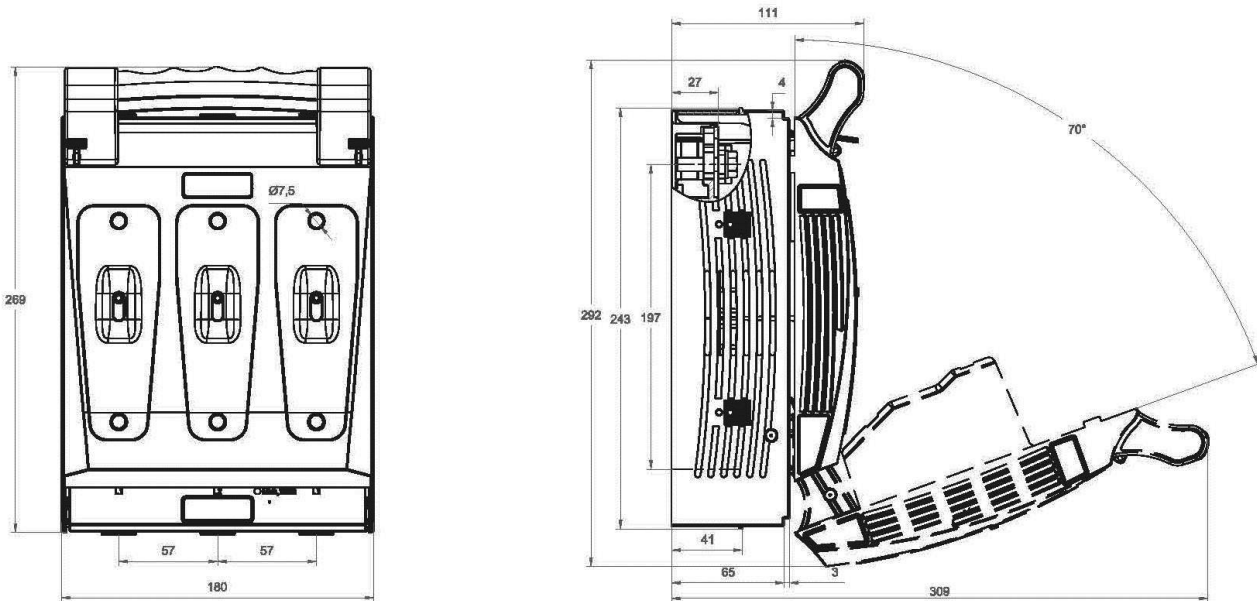


**fuse switch  
disconnectors**  
NH 690V  
fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
690V	250A	IP20



## DIMENSIONS



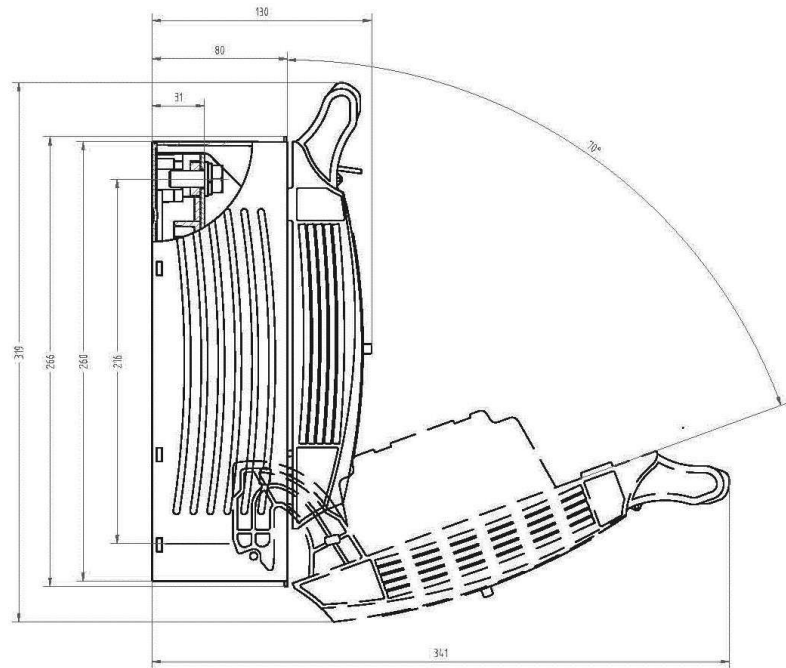
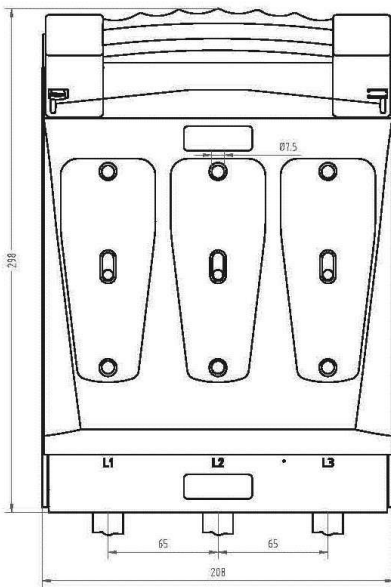


**fuse switch  
disconnectors**  
NH 690V  
fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
690V	400A	IP20



## DIMENSIONS



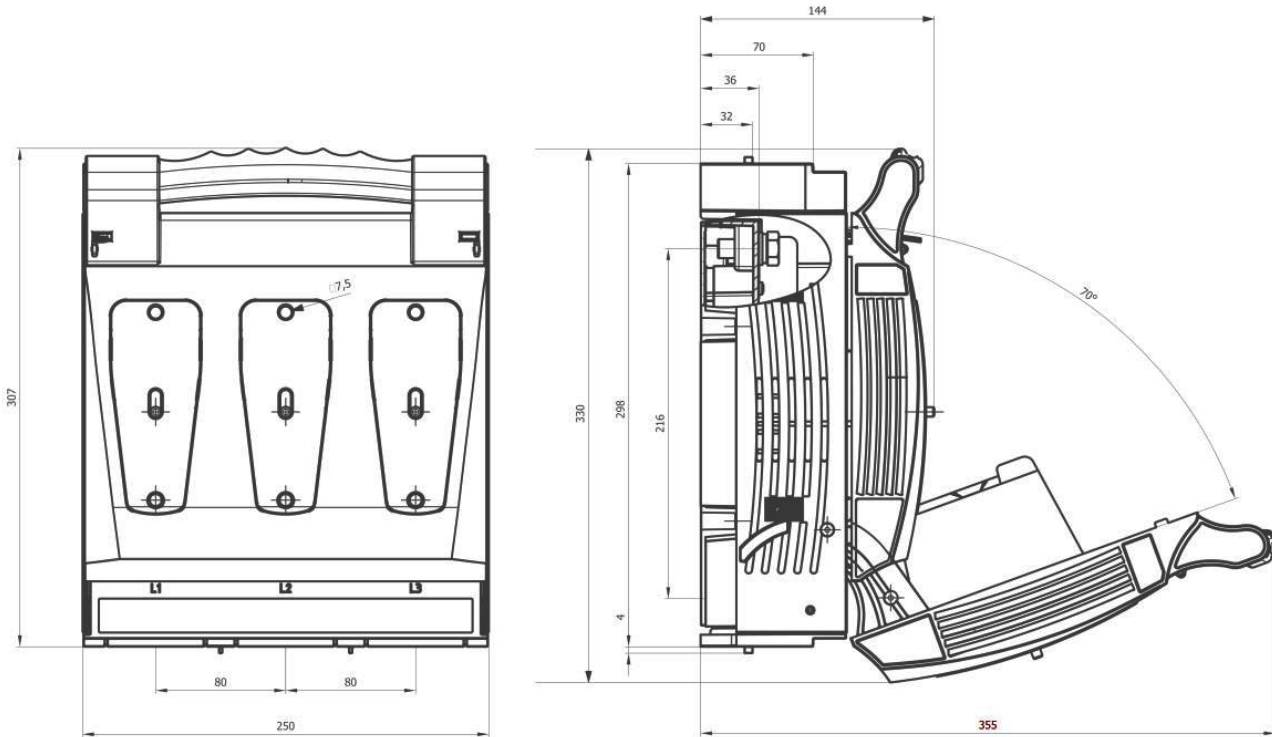


**fuse switch  
disconnectors**  
NH 690V  
fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
690V	630A	IP20



## DIMENSIONS

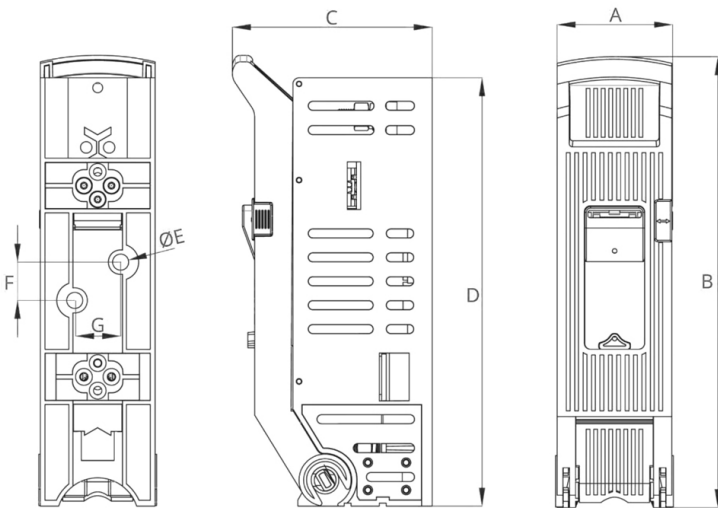


**BUC** fuse switch  
disconnectors  
NH single pole  
fuse bases

RATED VOLTAGE	RATED CURRENT	PROTECTION INDEX
500V AC/DC	160A	IP20
	250A	
	400A	



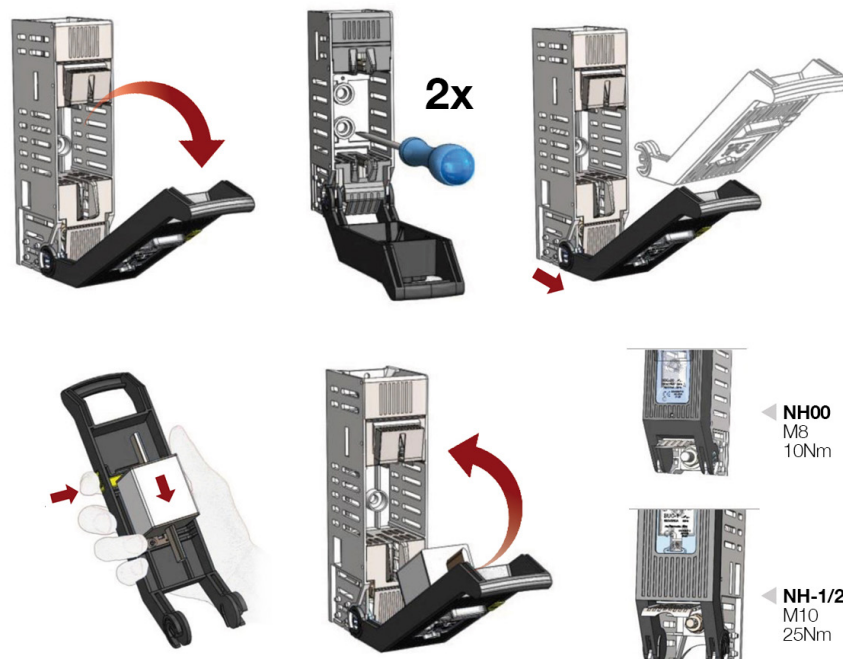
## DIMENSIONS



Size	A	B	C	D	E	F	G	Connection	Tightening torque
00	46	156	85	145	7,75	25	0	M8	10Nm
1	75	295	131	280	10,5	25	30	M10	32Nm
2	75	295	131	280	10,5	25	30	M10	32Nm

Dimensions in mm

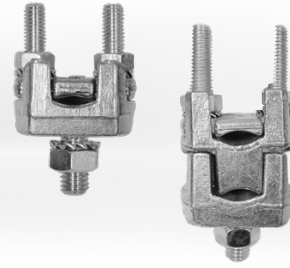
## INSTRUCTIONS



◀ **NH00**  
M8  
10Nm

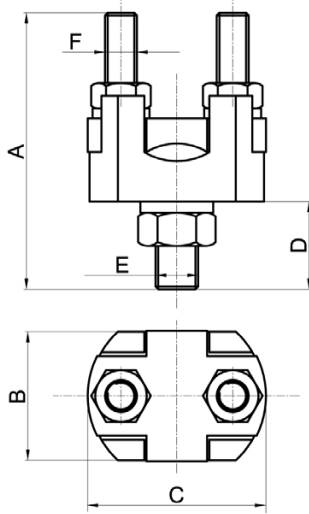
◀ **NH-1/2**  
M10  
25Nm

**ST** terminals  
ACCESSORIES  
fuse bases

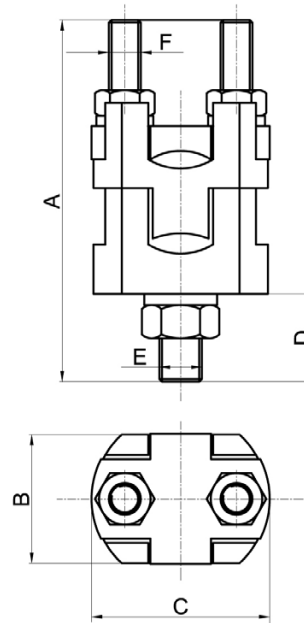


## DIMENSIONS

**1**  
WIRE



**2**  
WIRES

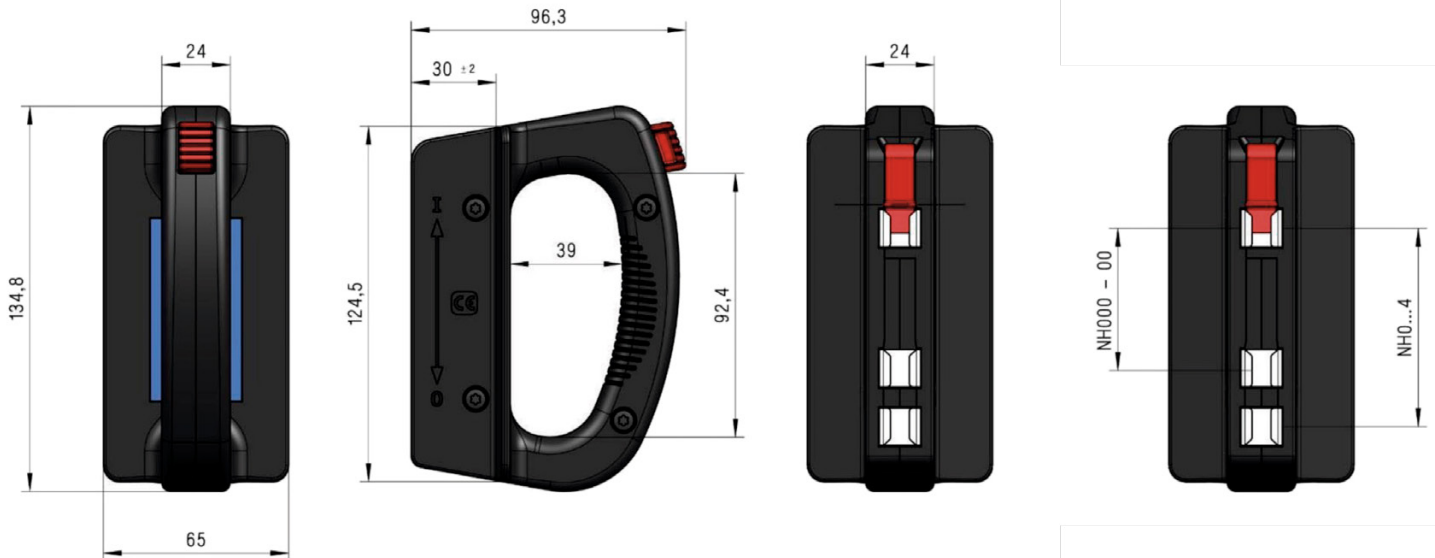


	SIZE	WIRE SECTION (mm <sup>2</sup> )	DIMENSIONS				TERMINAL FIXATION		WIRE TIGHTENING TORQUE		SUGGESTED HOLE Ø		
			MIN	MAX	A	B	C	D	E	TIGHTENING TORQUE		F	TIGHTENING TORQUE
<b>1 WIRE</b>	<b>343100</b>	50 mm <sup>2</sup>	6	50	42	18	27	13	M6	6 Nm	M5	8 Nm	7...8
	<b>343160</b>	95 mm <sup>2</sup>	10	95	51	24	33	16	M8	10 Nm	M6	12 Nm	9.5...11
	<b>343400</b>	150 mm <sup>2</sup>	16	150	58	26	41	18	M10	20 Nm	M8	25 Nm	11...13
	<b>343630</b>	240 mm <sup>2</sup>	50	240	67	36	52	20	M12	35 Nm	M10	40 Nm	13.5...15
<b>2 WIRES</b>	<b>344100</b>	50 mm <sup>2</sup>	6	50	47	18	27	12	M6	6 Nm	M5	8 Nm	7...8
	<b>344160</b>	95 mm <sup>2</sup>	10	95	72	24	33	16	M8	10 Nm	M6	12 Nm	9.5...11
	<b>344400</b>	150 mm <sup>2</sup>	16	150	84	26	41	17	M10	20 Nm	M8	25 Nm	11...13
	<b>344630</b>	240 mm <sup>2</sup>	50	240	108	36	52	20	M12	35 Nm	M10	40 Nm	13.5...15

**ST** fuse puller  
ACCESSORIES  
fuse bases



## DIMENSIONS

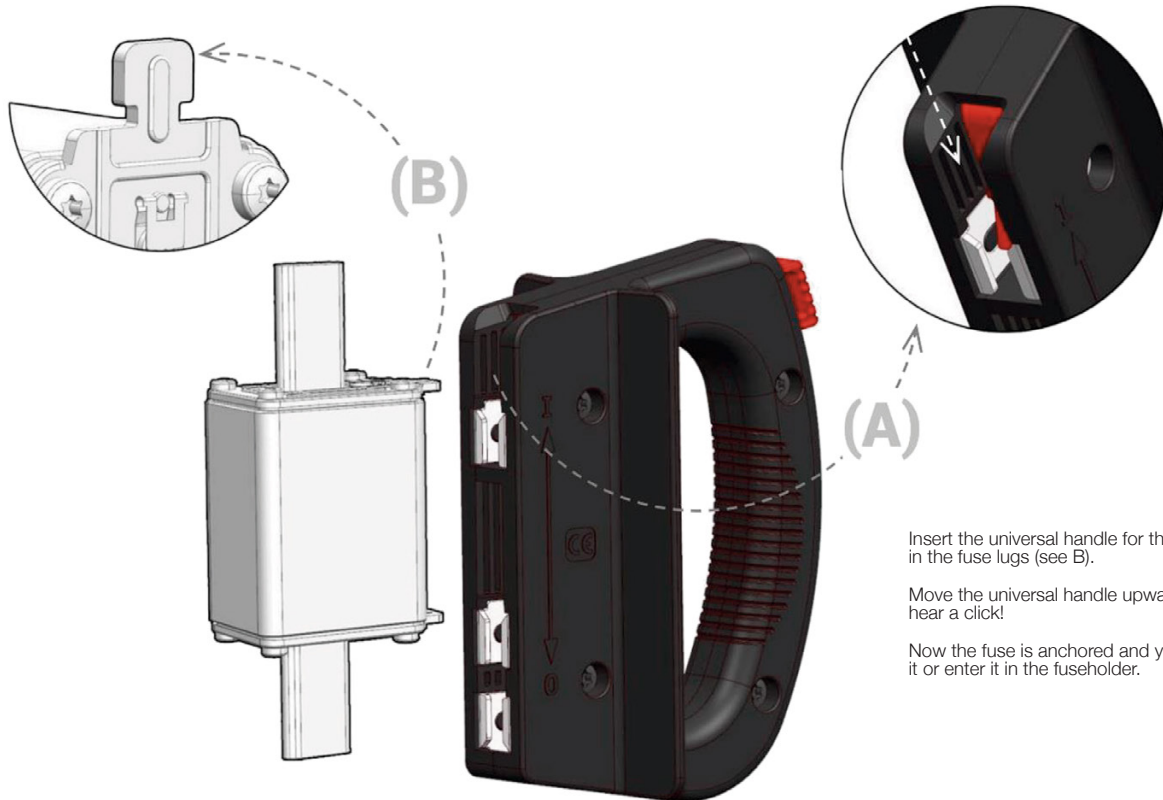




**ST** fuse puller  
ACCESSORIES  
fuse bases



## INSTRUCTIONS



Insert the universal handle for the top (see A) in the fuse lugs (see B).

Move the universal handle upward until you hear a click!

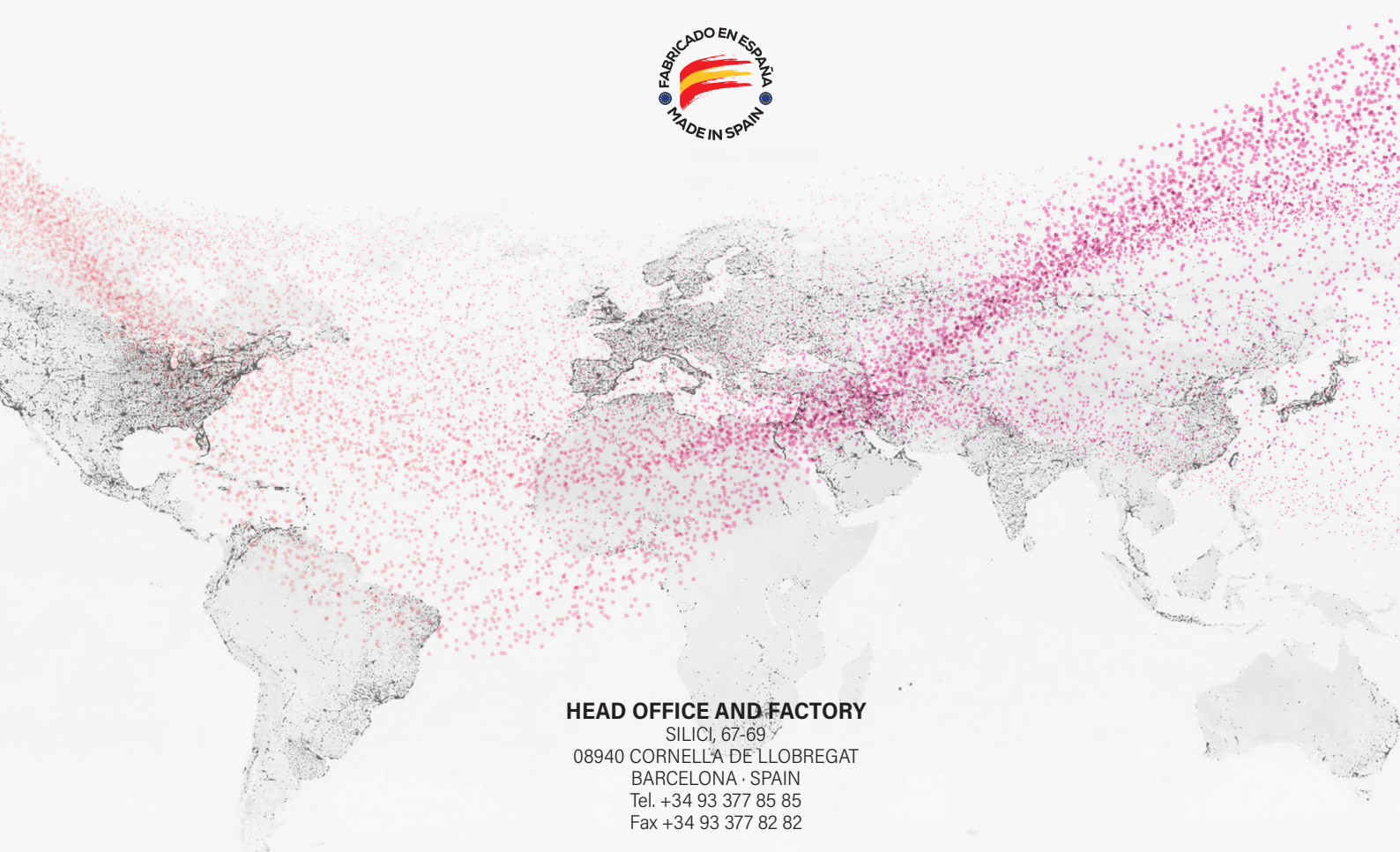
Now the fuse is anchored and you can remove it or enter it in the fuseholder.

To remove the universal handle from the fuse, press the red button and move the handle downward.





# PROTECTING THE WORLD



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