# NH1C gG 100A/500V

Fuse link

| | |
|---|---|
| ETI Code: | **004184214** |
| Fuse type: | **NH** |
| Size: | **NH1C** |
| Rated current: | **100 A** |
| Time-Current Characteristic: | **gG** |
| Indicator: | **Combination fuse status indicator** |
| Rated AC voltage: | **500 V** |
| Rated DC voltage: | **250 V** |
| Breaking capacity AC: | **120 kA** |
| Power dissipation: | **7.3 W** |
| Operating joule integral (A2s): | **81,000** |
| Prearcing joule integral (A2s): | **23,900** |
| Standards: | **IEC 60269-1, IEC 60269-2** |
| Application: | **For cable protection** |

Online product page

## Documents

TECHNICAL DATA CATALOG

INSTRUCTION MANUAL

CE DECLARATION

CERTIFICATE

2D FILE

3D FILE

EPLAN FILE

## ETIM

| | |
|---|---|
| Rated switching capacity AC | **120 kA** |
| Voltage type | **AC/DC** |
| Fuse construction type according to IEC 60269 | **NH1C** |
| Rated voltage AC | **500** |
| Power loss at rated current | **7.3 W** |
| Type of fuse status indicator | **Combination fuse status indicator** |
| Rated current | **100 A** |
| Rated voltage DC | **250** |
| Utilization category | **gG (cable protection/equipment protection)** |

# Logistics

## Product

| | |
|---|---|
| EAN code for a single product | **3838895354123** |
| Net weight of the product | **245 g** |
| Net width | **29.5 mm** |
| Net height | **134.9 mm** |
| Net depth | **61.8 mm** |
| Stock unit of measure | **pcs** |

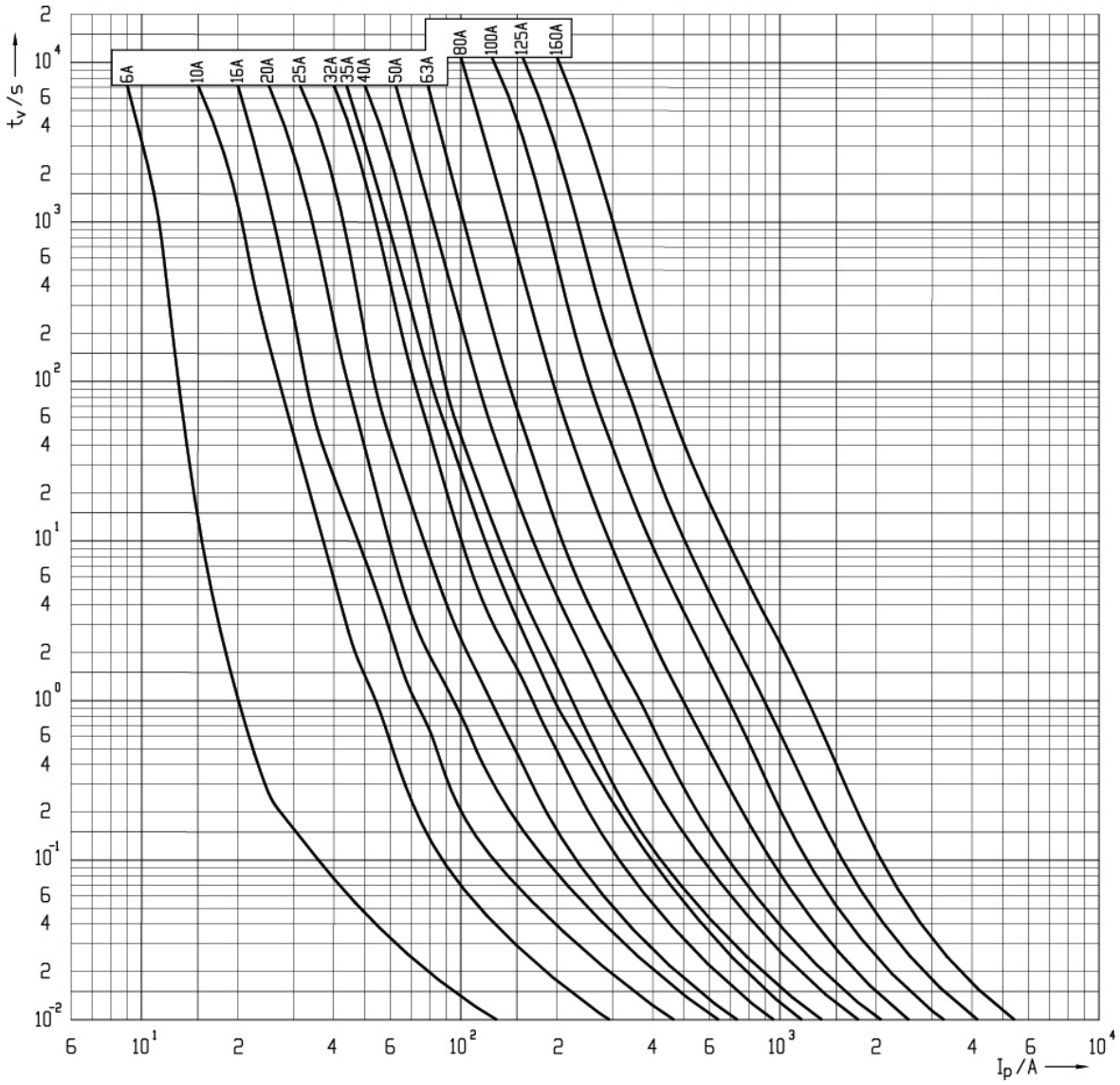
## Basic Packaging

| | |
|---|---|
| Basic packaging quantity | **3 pcs** |
| EAN code for a basic packaging | **3838895342571** |
| Basic packaging weight | **0.77 kg** |
| Basic Packaging Dimensions Height | **0.066 m** |
| Basic Packaging Dimensions Width | **0.093 m** |
| Basic Packaging Dimensions Depth | **0.138 m** |
| Basic packaging volume | **0.001 m³** |

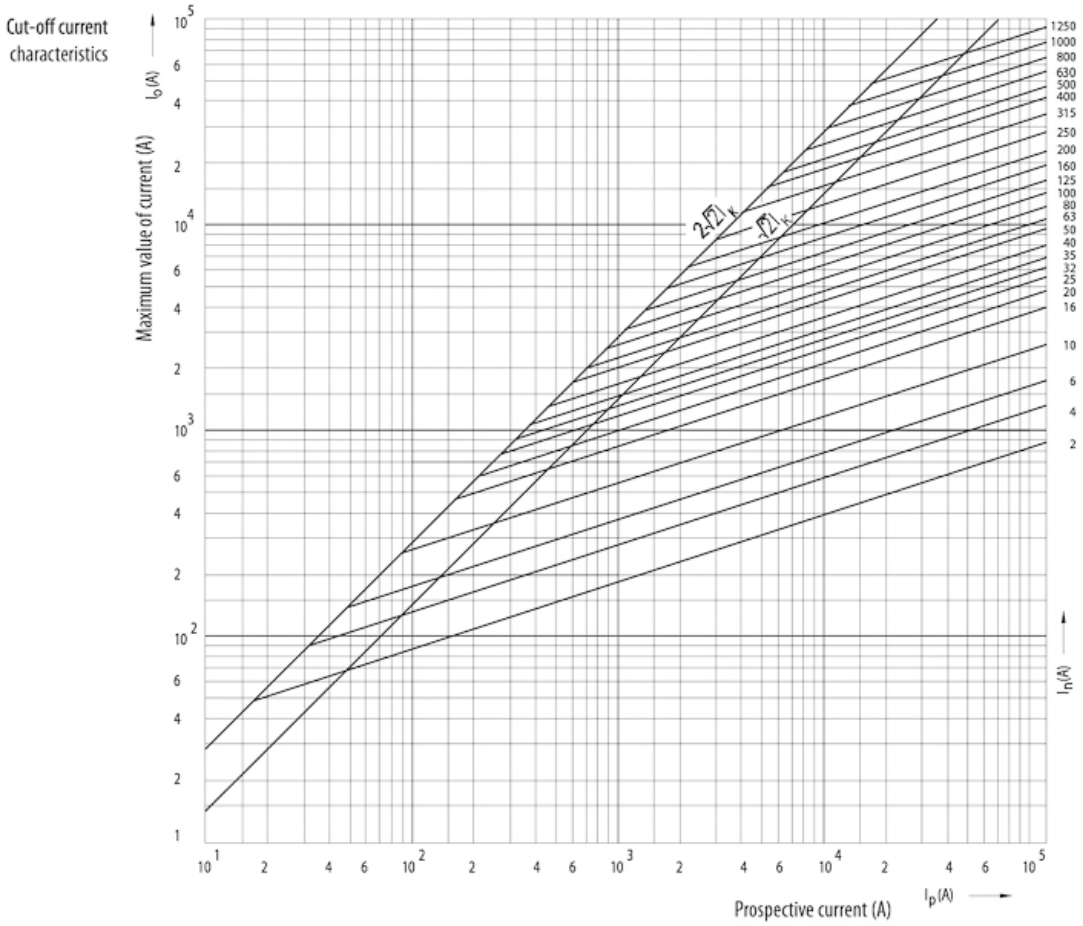
## Transport Packaging

| | |
|---|---|
| Transport packaging quantity | **45 pcs** |
| EAN code for a transport packaging | **3838895342588** |
| Transport packaging weight | **11.894 kg** |
| Transport Packaging Dimensions Height | **0.255 m** |
| Transport Packaging Dimensions Width | **0.295 m** |
| Transport Packaging Dimensions Depth | **0.235 m** |
| Transport packaging volume | **0.018 m³** |
| Pallet quantity | **2,340 pcs** |
| Customs tariff | **85361090** |

# I/t characteristic

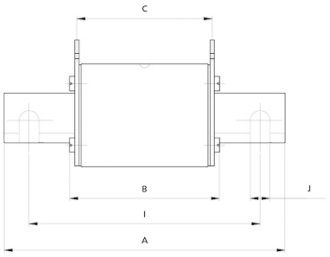


# CutOff

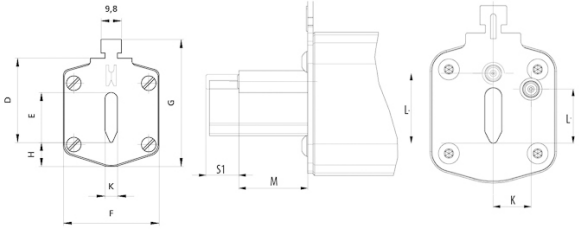
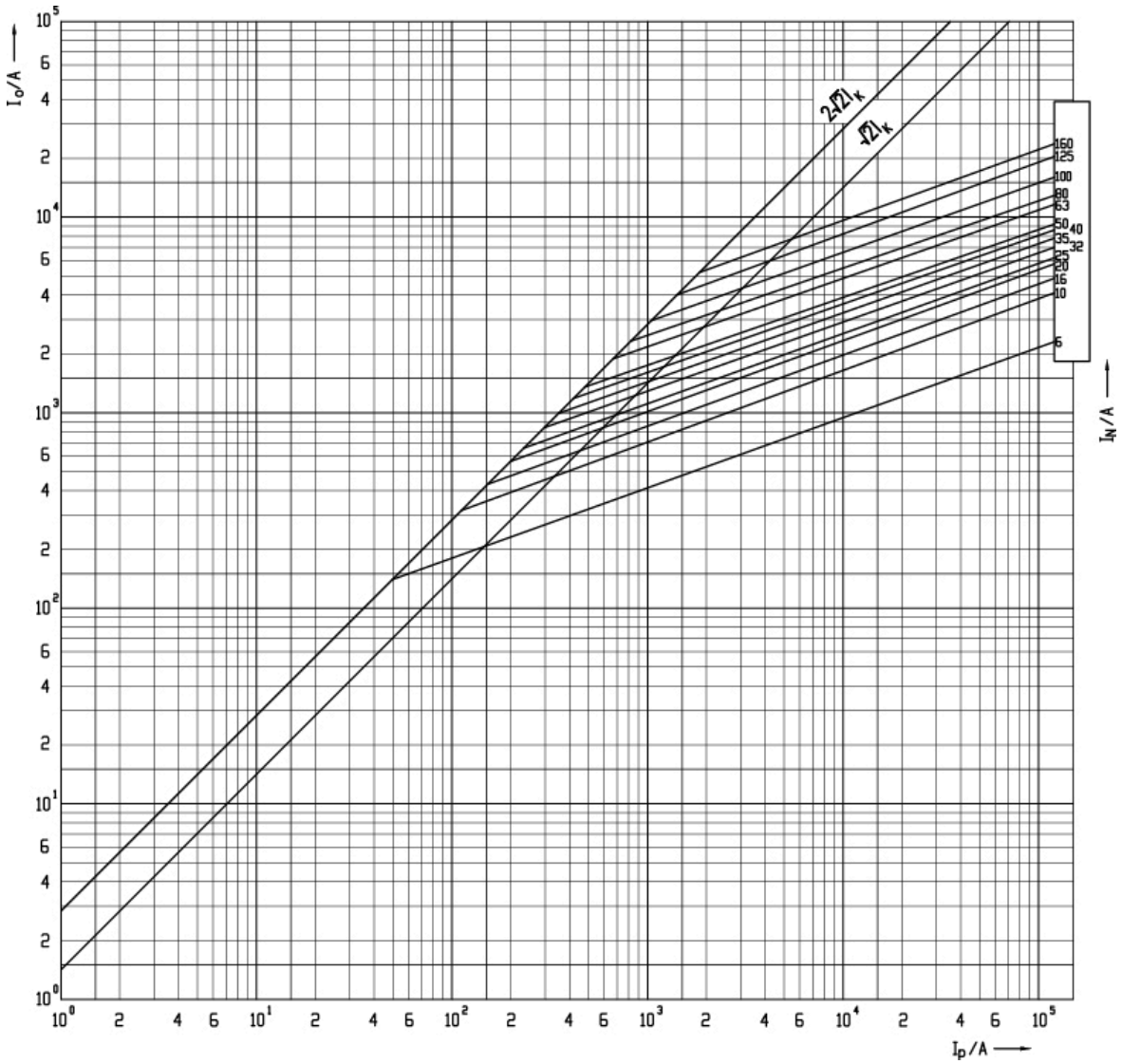

Cut-off current characteristics
Maximum value of current (A)
$I_D$ (A)
Prospective current (A)
$I_p$ (A)
$I_n$ (A)
1250
1000
800
630
500
400
315
250
200
160
125
100
80
63
50
40
35
32
25
20
16
10
6
4
2

# Dimension

| | A | B | C | D | E | F | G | H | I | J | K | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NV00C | 79 | 53 | 47 | 35 | 15 | 21 | 52 | 7,5 | | | 6 | kombi |
| NV00C I | 79 | 53 | 47 | 35 | 15 | 21 | 52 | 7,5 | | | 6 | kombi |
| NV00 | 79 | 53 | 47 | 35 | 15 | 28 | 56 | 12 | | | 6 | kombi |
| NV00 I | 79 | 53 | 47 | 35 | 15 | 28 | 56 | 12 | | | 6 | kombi |
| NV0 | 125 | 68 | 65 | 35 | 15 | 28 | 56 | 12 | | | 6 | kombi |
| NV1C | 135 | 68 | 65 | 40 | 15 | 28 | 61 | 12 | | | 6 | kombi |
| NV1C I | 135 | 68 | 65 | 40 | 15 | 28 | 61 | 12 | | | 6 | kombi |
| NV1 | 135 | 72 | 65 | 40 | 20 | 46 | 65 | 14 | | | 6 | kombi |
| NV1 I | 135 | 72 | 65 | 40 | 20 | 46 | 65 | 14 | | | 6 | kombi |
| NV2C | 150 | 72 | 65 | 48 | 20 | 46 | 73 | 14 | | | 6 | kombi |
| NV2C I | 150 | 72 | 65 | 48 | 20 | 46 | 73 | 14 | | | 6 | kombi |
| NV2 | 150 | 72 | 65 | 48 | 26 | 54 | 73 | 14 | | | 6 | kombi |
| NV2 I | 150 | 72 | 65 | 48 | 26 | 54 | 73 | 14 | | | 6 | kombi |
| NV3C | 150 | 72 | 65 | 60 | 26 | 54 | 84 | 14 | | | 6 | kombi |
| NV3 | 150 | 72 | 65 | 60 | 33 | 65 | 84 | 14 | | | 6 | kombi |
| NV4 | 200 | 75 | 66 | 87 | 50 | 100 | 121 | 24 | 150 | 16 | 8 | |
| NV4a | 200 | 99 | 87 | 85 | 50 | 95 | 121 | 27 | | | 6 | |
| NV4a SI* | 200 | 99 | 87 | 85 | 50 | 95 | 121 | 27 | | | 6 | |
| NV1/1000V | 155 | 90 | 87 | 40 | 20 | 45 | 59 | 9 | | | 6 | |




| | Striker pin | | | |
|---|---|---|---|---|
| | K | L | M | S1 |
| 00C | 0 | 20.7 | 16.7 | 7.5 |
| 00 | 0 | 20.7 | 16.7 | 7.5 |
| 1 | 13.7 | 19.7 | 25 | 12 |
| 2 | 16.2 | 27.4 | 25 | 12 |
| 3 | 17 | 35.6 | 25 | 12 |
| 4a | 24 | 49 | 25 | 12 |



# Energy characteristic