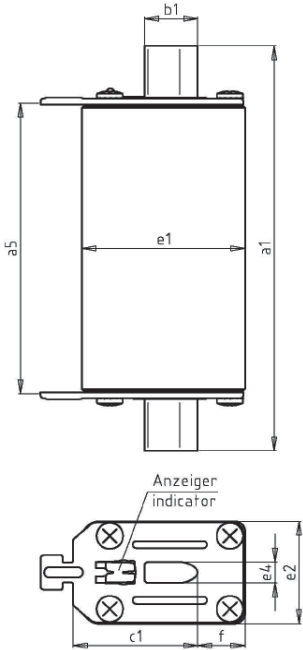


1000 V



NH 00C / NH 00



Spannungsführende Griffflaschen / Non insulated removal tags
Verpackung / Packing 3 Stück / 3 pieces

Betriebsklasse / Class
gB

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemes- sungs- strom Rated Current | Länge Length | | | | | | | |
|---|--------------------|---------------|--|-----------------|----------------|----------------|----------------|----------------|----------------|------|----------------|
| | | | | a ₅ | a ₁ | b ₁ | e ₄ | e ₁ | e ₂ | f | c ₁ |
| V | | | I _n / A | mm | mm | mm | mm | mm | mm | mm | mm |
| 1000 | 20 386 03 | NH 00C | 6 - 100 | 78 | 110 | 15 | 6 | 40,5 | 20,5 | 7 | 35 |
| | 20 389 03 | NH 00 | 125 - 160 | 85 | 117 | 15 | 6 | 46 | 29,5 | 13,5 | 35 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 760 V |
|----------------------------------|---|------|-------------------|--|--|---|
| | NH 00C / NH 00 | W | | | | |
| I _n / A | | | | | | |
| 6 | 20 386 03.6 | 1 | 0,20 | 25 | 6 | 18 |
| 10 | 20 386 03.10 | 1,5 | 0,20 | 25 | 31 | 93 |
| 16 | 20 386 03.16 | 2,4 | 0,20 | 25 | 83 | 250 |
| 20 | 20 386 03.20 | 3,5 | 0,20 | 25 | 145 | 435 |
| 25 | 20 386 03.25 | 5,0 | 0,20 | 25 | 210 | 630 |
| 35 | 20 386 03.35 | 6,6 | 0,20 | 25 | 440 | 1.320 |
| 50 | 20 386 03.50 | 8,8 | 0,20 | 25 | 870 | 2.610 |
| 63 | 20 386 03.63 | 11,0 | 0,20 | 25 | 1.350 | 4.050 |
| 80 | 20 386 03.80 | 14,4 | 0,20 | 25 | 2.300 | 6.900 |
| 100 | 20 386 03.100 | 18,3 | 0,20 | 25 | 3.300 | 9.900 |
| 125 | 20 389 03.125 | 22,5 | 0,28 | 25 | 4.700 | 14.100 |
| 160 | 20 389 03.160 | 28,0 | 0,28 | 25 | 8.300 | 24.900 |

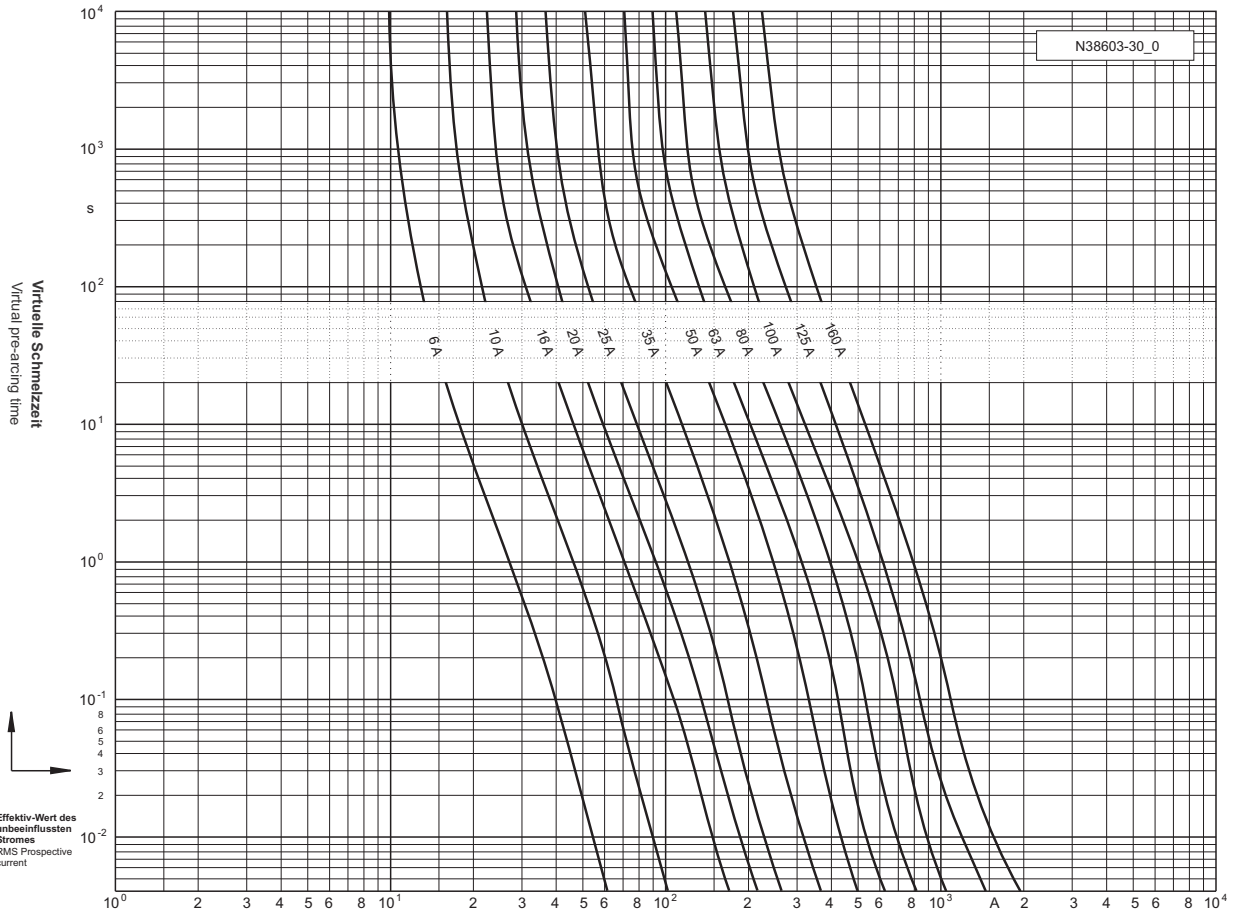
1000 V



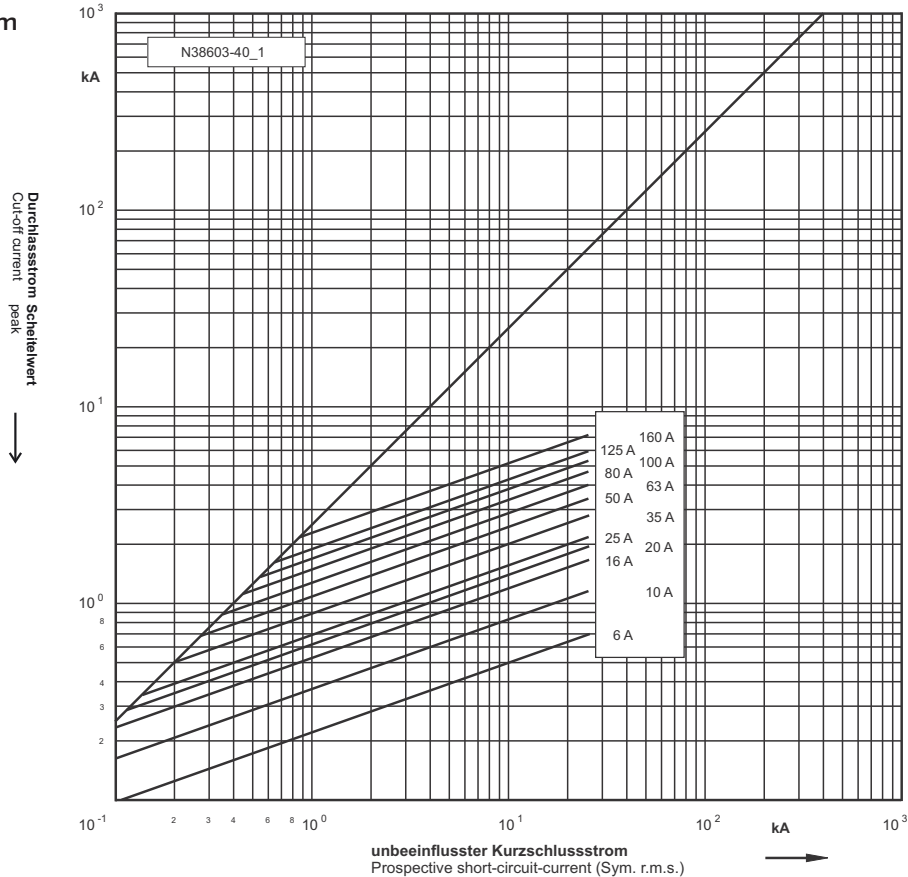
NH 00C / NH 00

gB

Zeit/Strom-
Kennlinien
Time-current
characteristics



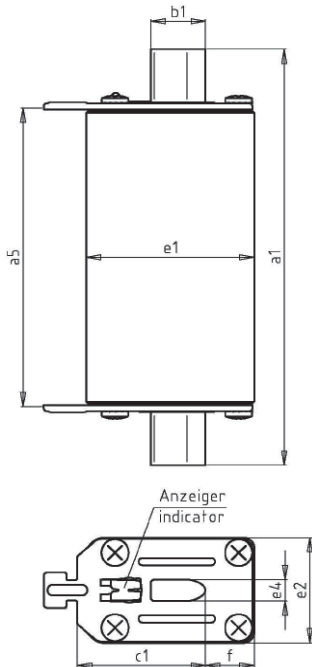
Durchlass-Strom
Cut-off current



1000 V



NH 00C / NH 00



Bergbau / Mining

Spannungsführende Griffflaschen / Non insulated removal tags

Verpackung / Packing 3 Stück / 3 pieces

Betriebsklasse / Class
aM Bergbau / Mining

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemes- sungs- strom Rated Current | Länge Length | | | | | | | |
|---|--------------------|---------------|--|-----------------|----------------|----------------|----------------|----------------|----------------|------|----------------|
| | | | | a ₅ | a ₁ | b ₁ | e ₄ | e ₁ | e ₂ | f | c ₁ |
| V | | | I _n / A | mm | mm | mm | mm | mm | mm | mm | mm |
| 1000 | 20 386 08 | NH 00C | 6 - 100 | 78 | 110 | 15 | 6 | 40,5 | 20,5 | 7 | 35 |
| | 20 389 08 | NH 00 | 125 - 160 | 85 | 117 | 15 | 6 | 46 | 29,5 | 13,5 | 35 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 760 V |
|----------------------------------|---|-----|-------------------|--|--|---|
| | NH 00C / NH 00 | W | | | | |
| I _n / A | | | | | | |
| 6 | 20 386 08.6 | 0,9 | 0,17 | 25 | 58 | 230 |
| 10 | 20 386 08.10 | 1,3 | 0,17 | 25 | 230 | 920 |
| 16 | 20 386 08.16 | 1,8 | 0,17 | 25 | 520 | 2.100 |
| 20 | 20 386 08.20 | 2,1 | 0,17 | 25 | 930 | 3.700 |
| 25 | 20 386 08.25 | 2,5 | 0,17 | 25 | 1.450 | 5.800 |
| 35 | 20 386 08.35 | 3,5 | 0,17 | 25 | 2.450 | 9.800 |
| 50 | 20 386 08.50 | 4,5 | 0,17 | 25 | 5.500 | 22.000 |
| 63 | 20 386 08.63 | 5,8 | 0,17 | 25 | 10.500 | 42.000 |
| 80 | 20 386 08.80 | 8,0 | 0,17 | 25 | 13.000 | 52.000 |
| 100 | 20 386 08.100 | 10 | 0,19 | 25 | 19.000 | 76.000 |
| 125 | 20 389 08.125 | 13 | 0,29 | 25 | 30.000 | 120.000 |
| 160 | 20 389 08.160 | 17 | 0,29 | 25 | 53.000 | 212.000 |

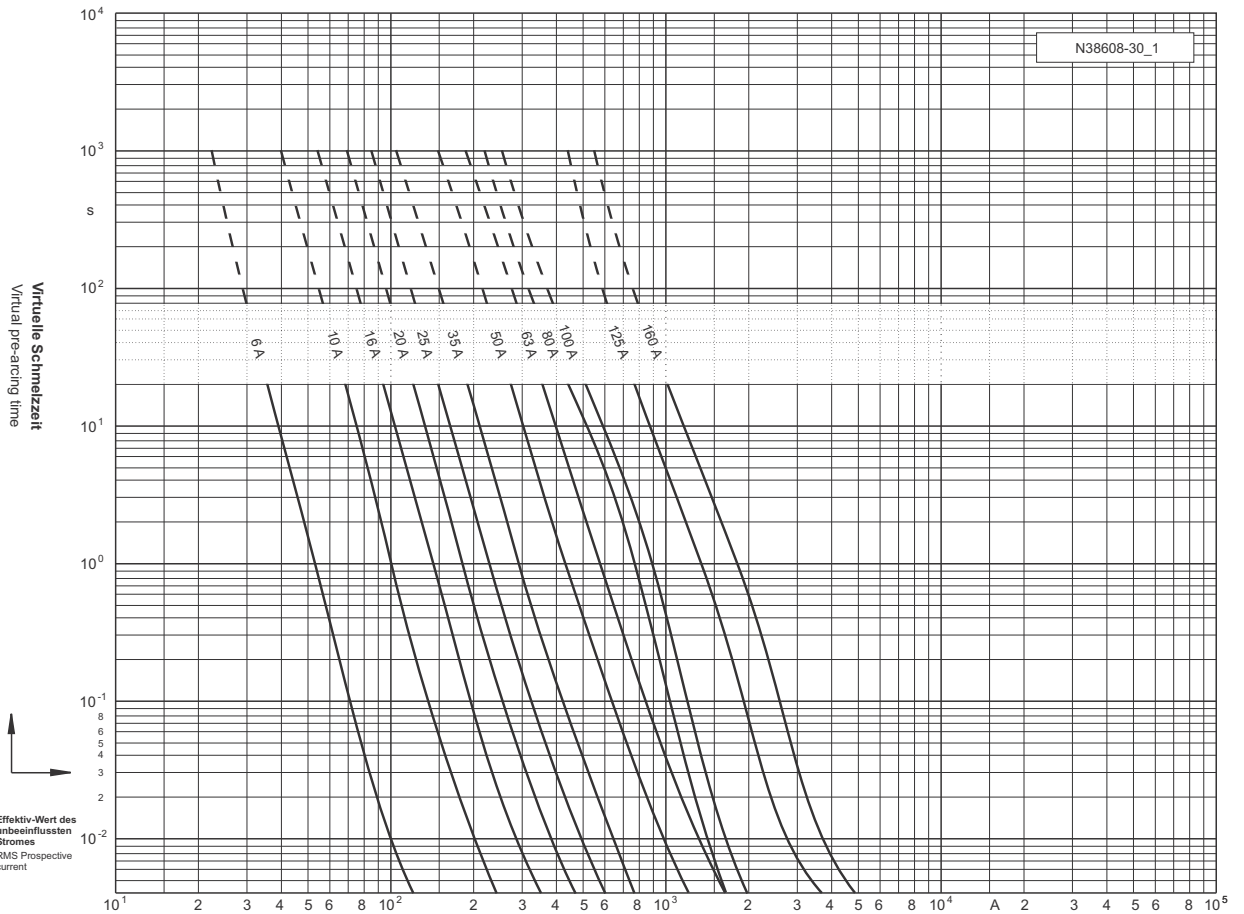
1000 V



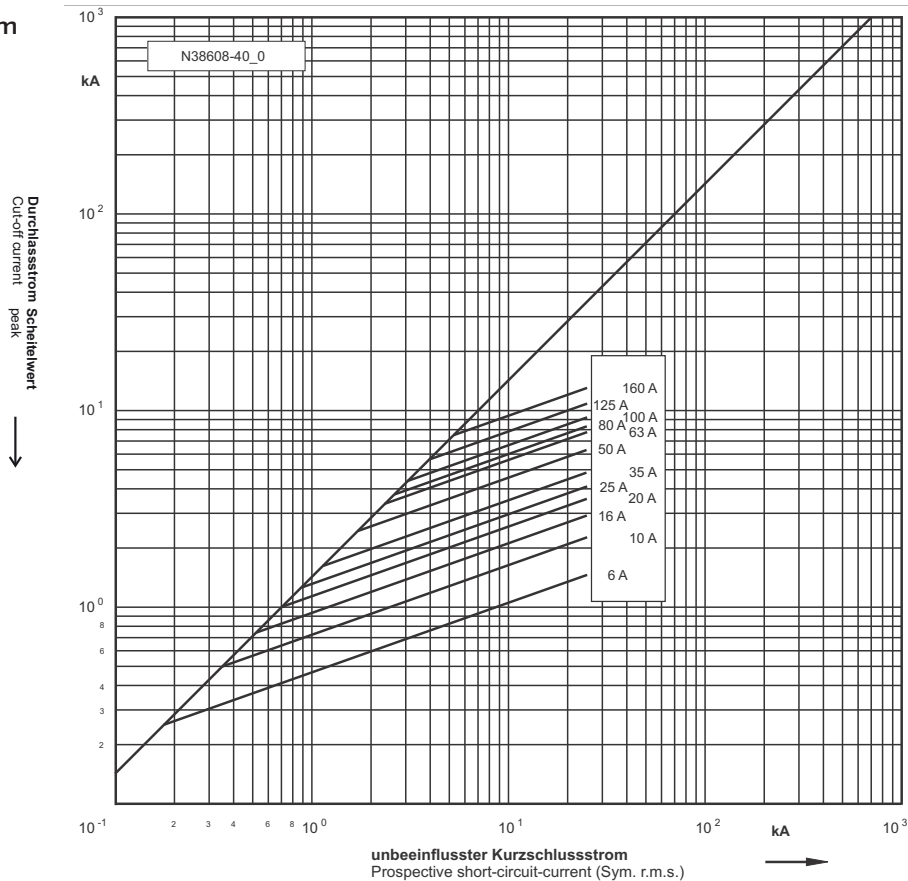
NH 00C / NH 00

aM
Bergbau / Mining

Zeit/Strom-
Kennlinien
Time-current
characteristics



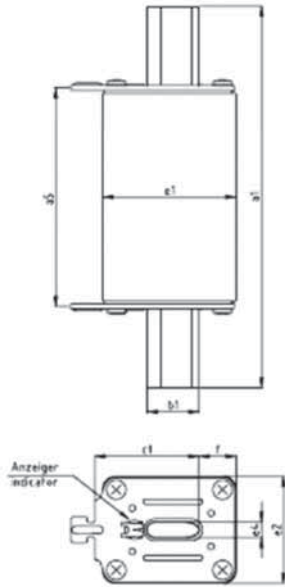
Durchlass-Strom
Cut-off current



1000 V



NH 1 / NH 2



Spannungsführende Griffflaschen / Non insulated removal tags

Verpackung / Packing 1 Stück / 1 piece

| | |
|-------------------------------------|---|
| Betriebsklasse / Class gB | VDE 0636 Teil 2011 DIN 43 620 Teil 5 |
|-------------------------------------|---|

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungs- strom Rated Current | Länge Length | | | | | | | |
|---|--------------------|---------------|---------------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----|----------------|
| | | | | a ₃ | a ₁ | b ₁ | e ₄ | e ₁ | e ₂ | f | c ₁ |
| V | | | I _n / A | mm | mm | mm | mm | mm | mm | mm | mm |
| 1000 | 20 399 03 | NH 1 | 25 - 160 | 85 | 155 | 20 | 6 | 51,5 | 42 | 14 | 40 |
| | 20 396 03 | NH 2 | 25 - 315 | 85 | 170 | 26 | 6 | 59 | 53 | 14 | 48 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 760 V |
|----------------------------------|---|-----|---------------|-----|-------------------|---|--|---|
| | NH 1 | | NH 2 | | | | | |
| I _n / A | | W | | W | kg/1 | kA | A ² s | A ² s |
| 25 | 20 399 03.25 | 5,7 | 20 396 03.25 | 5,5 | 0,56/0,76 | 25 | 210 | 840 |
| 35 | 20 399 03.35 | 7,5 | 20 396 03.35 | 7,3 | 0,56/0,76 | 25 | 440 | 1.760 |
| 50 | 20 399 03.50 | 10 | 20 396 03.50 | 9,8 | 0,56/0,76 | 25 | 870 | 3.500 |
| 63 | 20 399 03.63 | 12 | 20 396 03.63 | 12 | 0,56/0,76 | 25 | 1.000 | 4.000 |
| 80 | 20 399 03.80 | 15 | 20 396 03.80 | 14 | 0,56/0,76 | 25 | 1.700 | 6.800 |
| 100 | 20 399 03.100 | 18 | 20 396 03.100 | 17 | 0,56/0,76 | 25 | 4.000 | 16.000 |
| 125 | 20 399 03.125 | 22 | 20 396 03.125 | 21 | 0,56/0,76 | 25 | 6.800 | 27.000 |
| 160 | 20 399 03.160 | 26 | 20 396 03.160 | 25 | 0,76 | 25 | 16.000 | 64.000 |
| 200 | - | - | 20 396 03.200 | 30 | 0,76 | 25 | 27.000 | 108.000 |
| 250 | - | - | 20 396 03.250 | 36 | 0,76 | 25 | 41.000 | 164.000 |
| 315 | - | - | 20 396 03.315 | 44 | 0,90 | 25 | 64.000 | 256.000 |

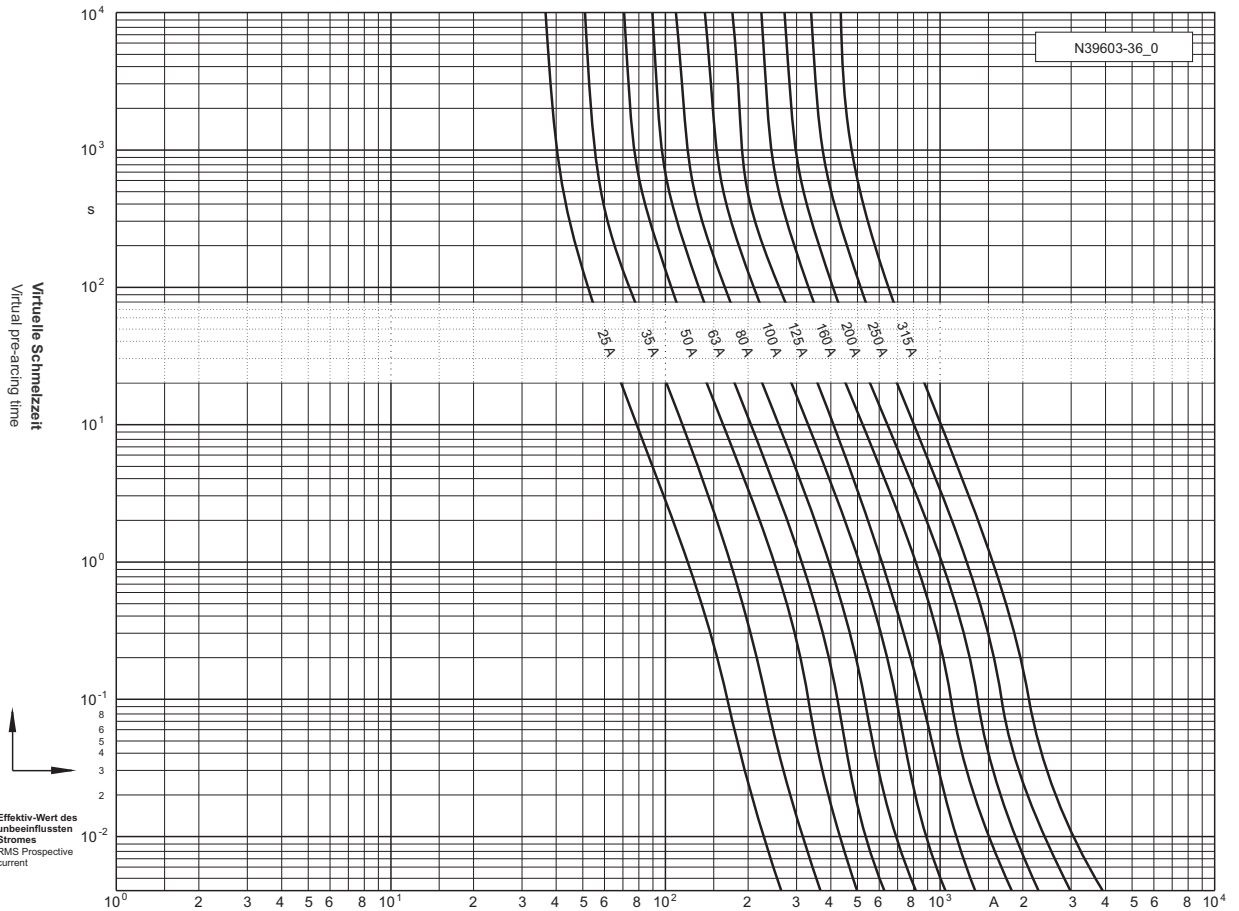
1000 V



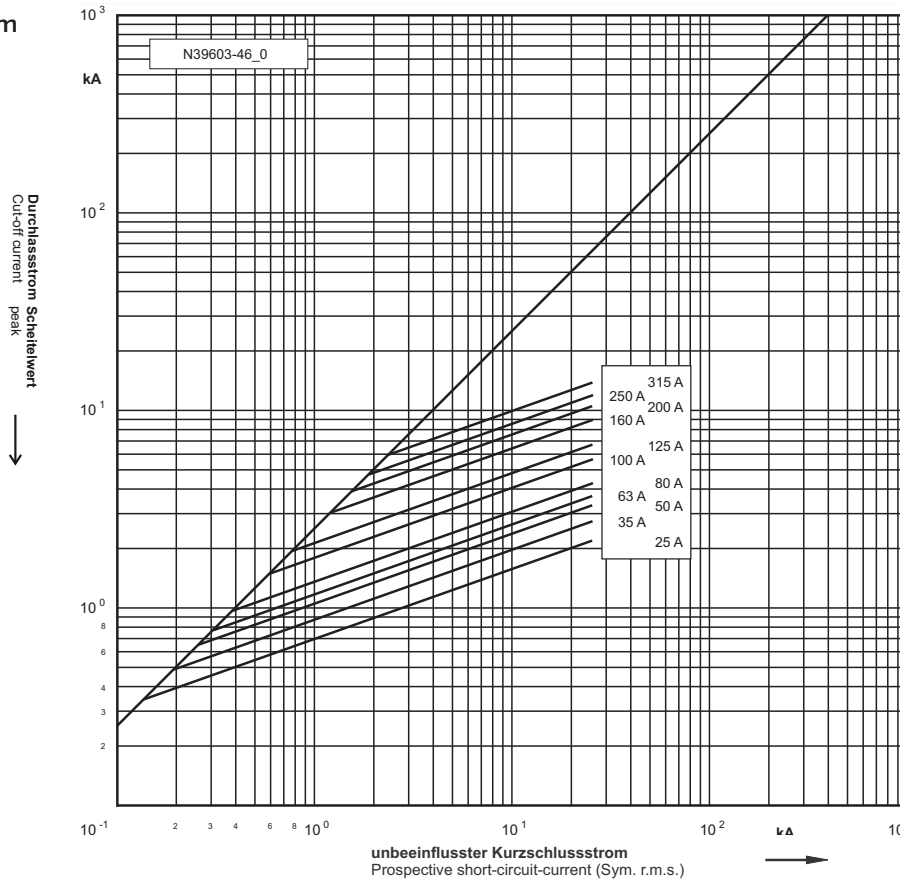
NH 1 / NH 2

gB

Zeit/Strom-Kennlinien
Time-current characteristics



Durchlass-Strom
Cut-off current



1000 V

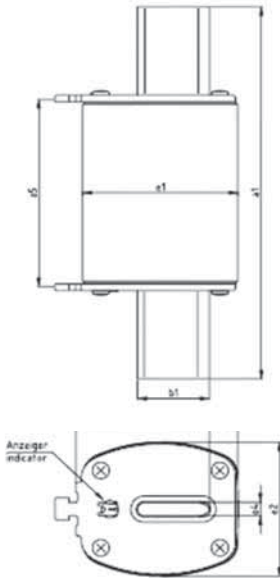


NH 3

Bergbau / Mining

Spannungsführende Griffflaschen / Non insulated removal tags

Verpackung / Packing 1 Stück / 1 piece



Betriebsklasse / Class
gB

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemessungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungs- strom Rated Current | Länge Length | | | | | | | |
|--|--------------------|---------------|---------------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----|----------------|
| | | | | a _s | a ₁ | b ₁ | e ₄ | e ₁ | e ₂ | f | c ₁ |
| V | | | I _n / A | mm | mm | mm | mm | mm | mm | mm | mm |
| 1000 | 20 397 03 | NH 3 | 25 - 355 | 85 | 170 | 32 | 6 | 69 | 61 | 13 | 60 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 760 V |
|----------------------------------|---|-------------------|---|--|---|
| I _n / A | NH 3 | W | kg/1 | kA | A ² s |
| 25 | 20 397 03.25 | 3,6 | 1,03 | 25 | 210 |
| 35 | 20 397 03.35 | 5,0 | 1,03 | 25 | 440 |
| 50 | 20 397 03.50 | 6,9 | 1,03 | 25 | 870 |
| 63 | 20 397 03.63 | 8,6 | 1,03 | 25 | 1.000 |
| 80 | 20 397 03.80 | 11 | 1,03 | 25 | 1.700 |
| 100 | 20 397 03.100 | 13 | 1,03 | 25 | 4.000 |
| 125 | 20 397 03.125 | 16 | 1,03 | 25 | 6.800 |
| 160 | 20 397 03.160 | 21 | 1,03 | 25 | 16.000 |
| 200 | 20 397 03.200 | 26 | 1,03 | 25 | 27.000 |
| 250 | 20 397 03.250 | 32 | 1,03 | 25 | 41.000 |
| 315 | 20 397 03.315 | 39 | 1,03 | 25 | 64.000 |
| 355 | 20 397 03.355 | 44 | 1,03 | 25 | 92.000 |

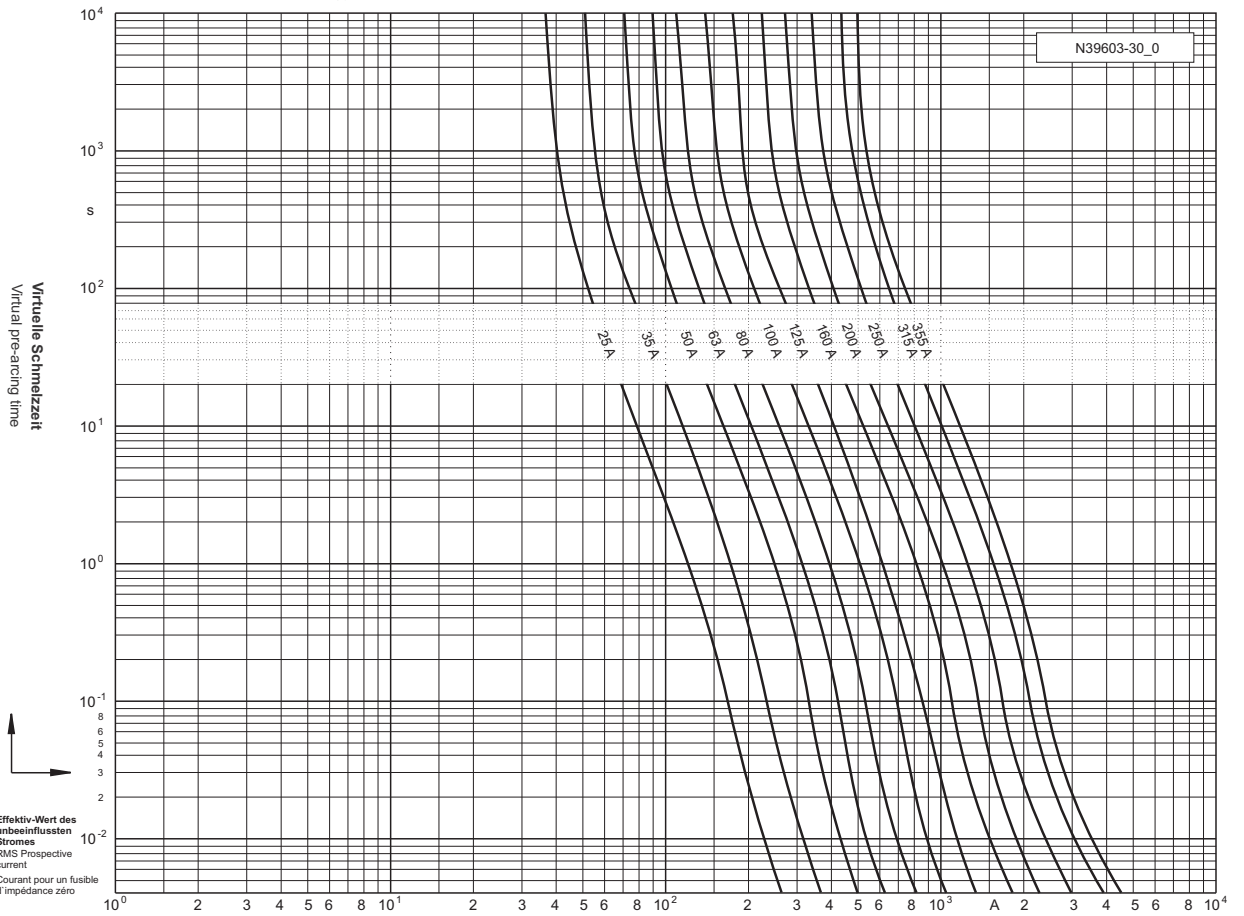
1000 V



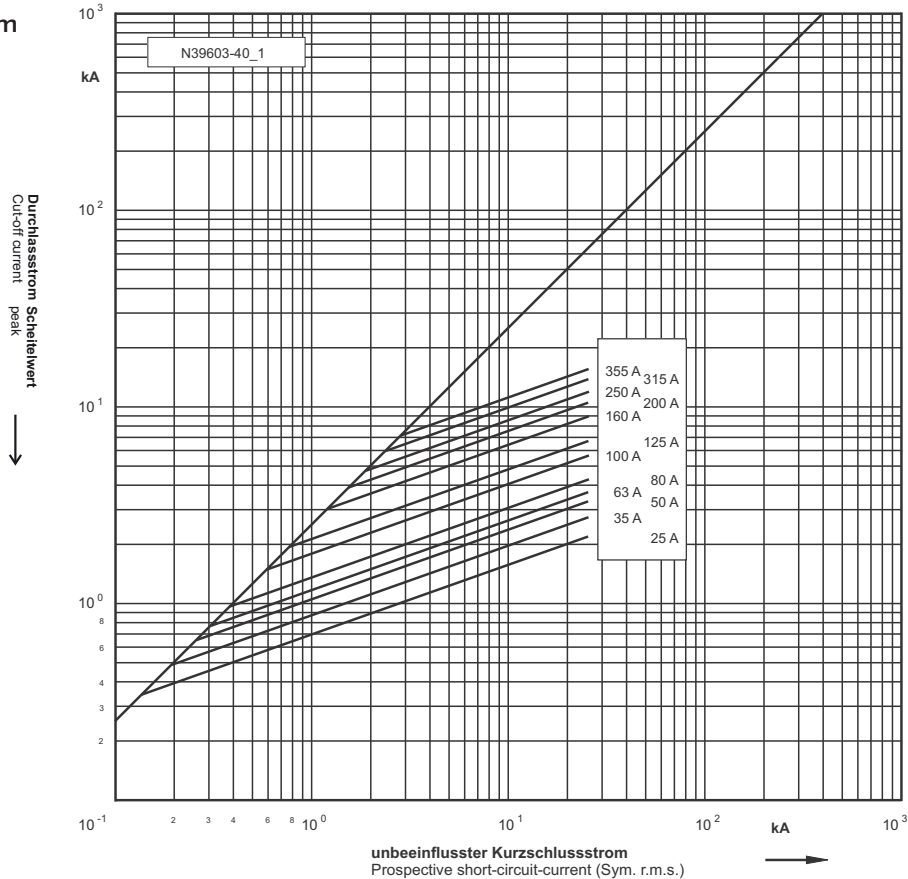
NH 3

gB

Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current



**1000 V
(1140 V)**

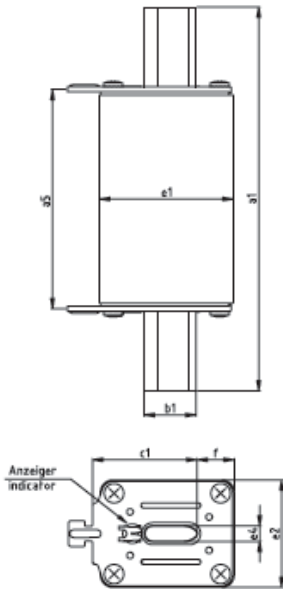


NH 1 / NH 2

Bergbau / Mining

Spannungsführende Griffflaschen / Non insulated removal tags

Verpackung / Packing 1 Stück / 1 piece



Betriebsklasse / Class
aM Bergbau / Mining

**VDE 0636 Teil 2011
DIN 43 620 Teil 5**

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemes- sungs- strom Rated Current | Länge Length | | | | | | | |
|---|--------------------|---------------|--|-----------------|----------------|----------------|----------------|----------------|----------------|----|----------------|
| | | | | a ₃ | a ₁ | b ₁ | e ₄ | e ₁ | e ₂ | f | c ₁ |
| V | | | I _n / A | mm | mm | mm | mm | mm | mm | mm | mm |
| 1000 (1140) | 20 399 08 | NH 1 | 32 - 250 (≤200*) | 85 | 155 | 20 | 6 | 51,5 | 42 | 14 | 40 |
| | 20 396 08 | NH 2 | 32 - 315 | 85 | 170 | 26 | 6 | 59 | 53 | 14 | 48 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 760 V |
|----------------------------------|---|-----|---------------|-----|-------------------|---|--|---|
| | NH 1 | | NH 2 | | | | | |
| I _n / A | | W | | W | kg/1 | kA | A ² s | A ² s |
| 32 | 20 399 08.32(*) | 2,4 | 20 396 08.32 | 2,2 | 0,56/0,77 | 25 | 2.100 | 8.400 |
| 35 | 20 399 08.35(*) | 2,6 | 20 396 08.35 | 2,4 | 0,56/0,77 | 25 | 3.700 | 14.800 |
| 40 | 20 399 08.40(*) | 3,0 | 20 396 08.40 | 2,8 | 0,56/0,77 | 25 | 5.800 | 23.200 |
| 50 | 20 399 08.50(*) | 4,0 | 20 396 08.50 | 3,8 | 0,56/0,77 | 25 | 8.300 | 33.200 |
| 63 | 20 399 08.63(*) | 5,0 | 20 396 08.63 | 4,8 | 0,56/0,77 | 25 | 11.500 | 46.000 |
| 80 | 20 399 08.80(*) | 6,5 | 20 396 08.80 | 6,1 | 0,56/0,77 | 25 | 19.000 | 76.000 |
| 100 | 20 399 08.100(*) | 10 | 20 396 08.100 | 9,2 | 0,56/0,77 | 25 | 23.000 | 92.000 |
| 125 | 20 399 08.125(*) | 12 | 20 396 08.125 | 12 | 0,56/0,77 | 25 | 45.000 | 180.000 |
| 160 | 20 399 08.160(*) | 14 | 20 396 08.160 | 14 | 0,56/0,77 | 25 | 75.000 | 300.000 |
| 200 | 20 399 08.200(*) | 19 | 20 396 08.200 | 17 | 0,56/0,77 | 25 | 102.000 | 408.000 |
| 250 | 20 399 08.250 | 26 | 20 396 08.250 | 25 | 0,56/0,77 | 25 | 159.000 | 636.000 |
| 315 | - | - | 20 396 08.315 | 31 | 0,77 | 25 | 333.000 | 1.332.000 |

(*) 1140 V

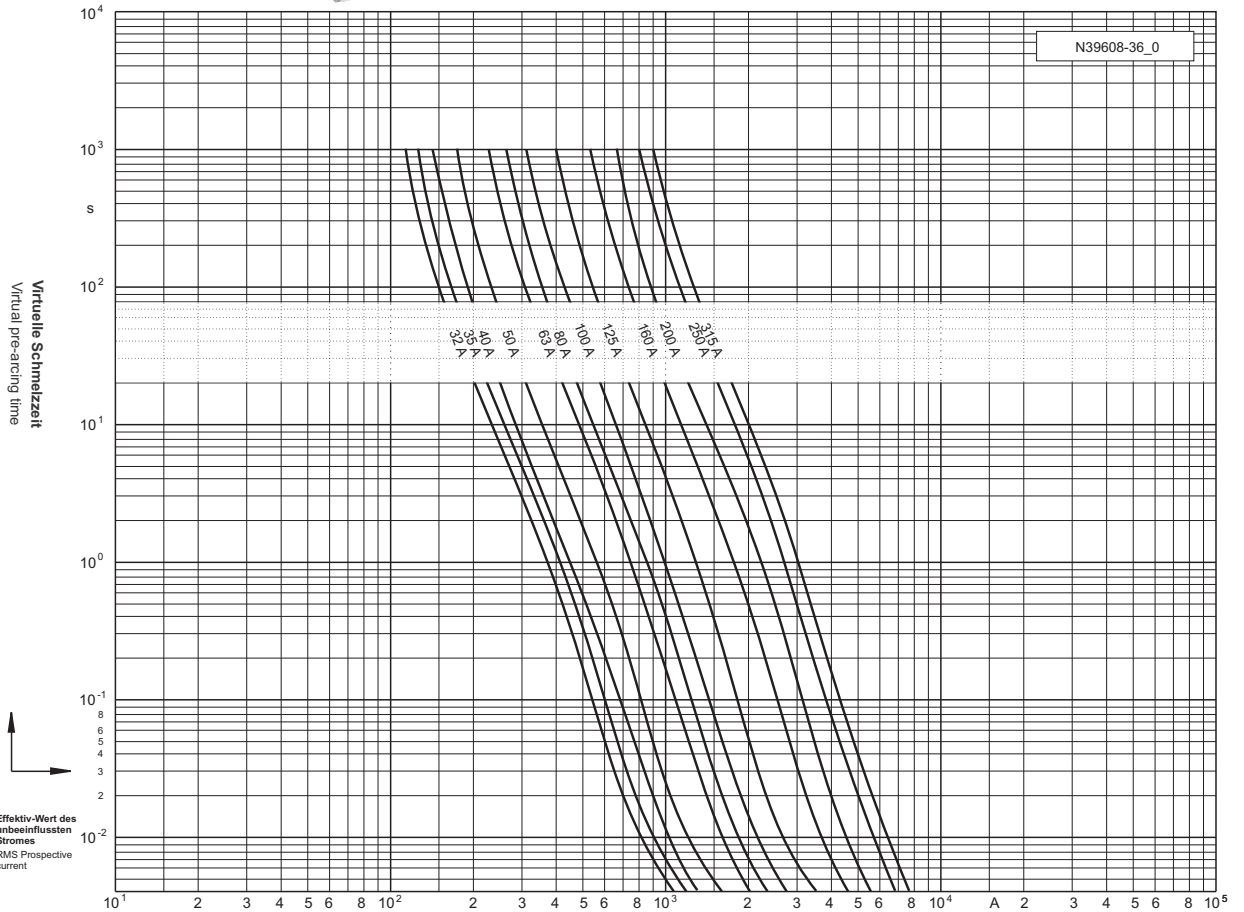
**1000 V
(1140 V)**



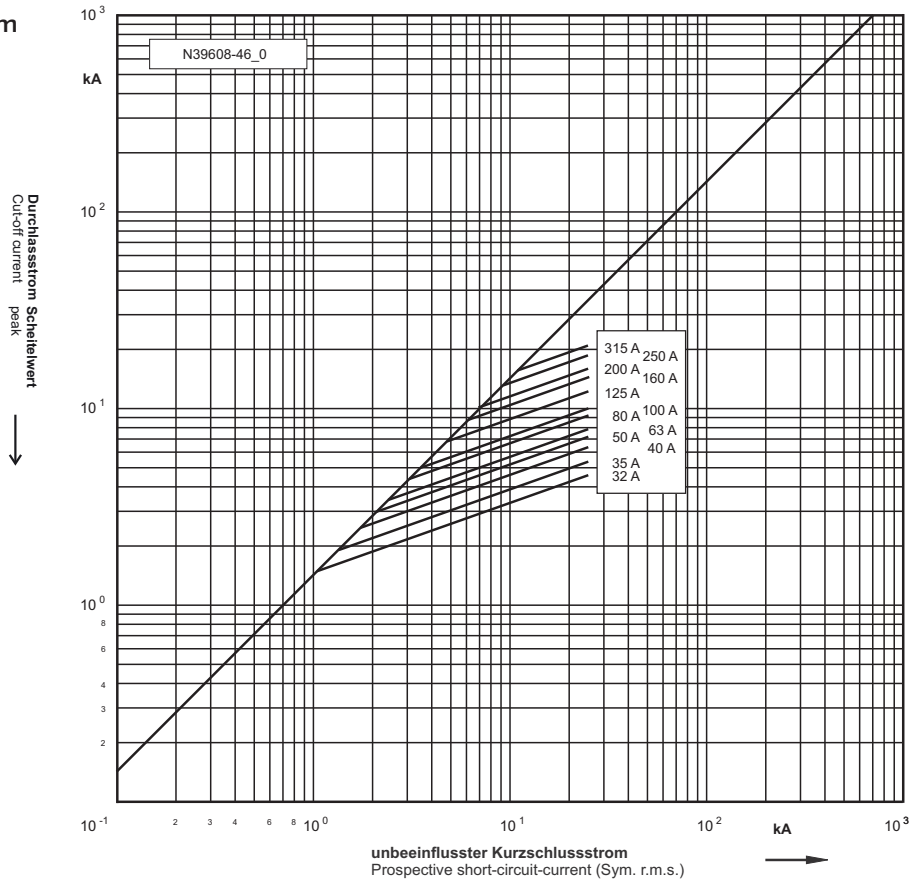
NH 1 / NH 2

aM
Bergbau / Mining

**Zeit/Strom-
Kennlinien**
Time-current
characteristics



Durchlass-Strom
Cut-off current



1000 V



NH 3

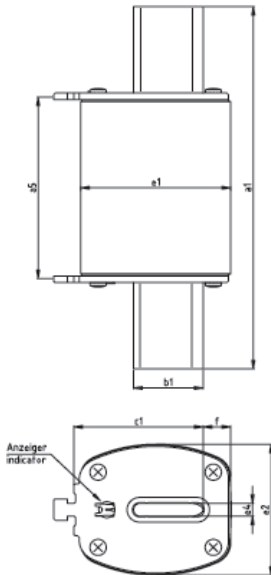
Bergbau / Mining

Spannungsführende Griffflaschen / Non insulated removal tags

Verpackung / Packing 1 Stück / 1 piece

Betriebsklasse / Class
aM Bergbau / Mining

VDE 0636 Teil 2011
DIN 43 620 Teil 5



| Bemessungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungs- strom Rated Current | Länge Length | | | | | | | |
|--|--------------------|---------------|---------------------------------------|-----------------|----------------|----------------|----------------|----------------|----------------|----|----------------|
| | | | | a _s | a ₁ | b ₁ | e ₄ | e ₁ | e ₂ | f | c ₁ |
| V | | | I _n / A | mm | mm | mm | mm | mm | mm | mm | mm |
| 1000 | 20 397 08 | NH 3 | 32 - 450 | 85 | 170 | 32 | 6 | 69 | 61 | 13 | 60 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 760 V | |
|----------------------------------|---|-------------------|---|--|---|-----------|
| I _n / A | W | kg/1 | kA | A ² s | A ² s | |
| 32 | 20 397 08.32 | 2,1 | 1,03 | 25 | 2.100 | 8.400 |
| 35 | 20 397 08.35 | 2,3 | 1,03 | 25 | 3.700 | 14.800 |
| 40 | 20 397 08.40 | 2,7 | 1,03 | 25 | 5.800 | 23.200 |
| 50 | 20 397 08.50 | 3,6 | 1,03 | 25 | 8.300 | 33.200 |
| 63 | 20 397 08.63 | 4,6 | 1,03 | 25 | 11.500 | 46.000 |
| 80 | 20 397 08.80 | 5,8 | 1,03 | 25 | 19.000 | 76.000 |
| 100 | 20 397 08.100 | 8,8 | 1,03 | 25 | 23.000 | 92.000 |
| 125 | 20 397 08.125 | 11 | 1,03 | 25 | 45.000 | 180.000 |
| 160 | 20 397 08.160 | 13 | 1,03 | 25 | 75.000 | 300.000 |
| 200 | 20 397 08.200 | 16 | 1,03 | 25 | 102.000 | 408.000 |
| 250 | 20 397 08.250 | 24 | 1,03 | 25 | 159.000 | 636.000 |
| 315 | 20 397 08.315 | 29 | 1,03 | 25 | 333.000 | 1.332.000 |
| 355 | 20 397 08.355 | 34 | 1,03 | 25 | 351.000 | 1.404.000 |
| 400 | 20 397 08.400 | 39 | 1,03 | 25 | 531.000 | 2.124.000 |
| 450 | 20 397 08.450 | 44 | 1,03 | 25 | 672.000 | 2.688.000 |

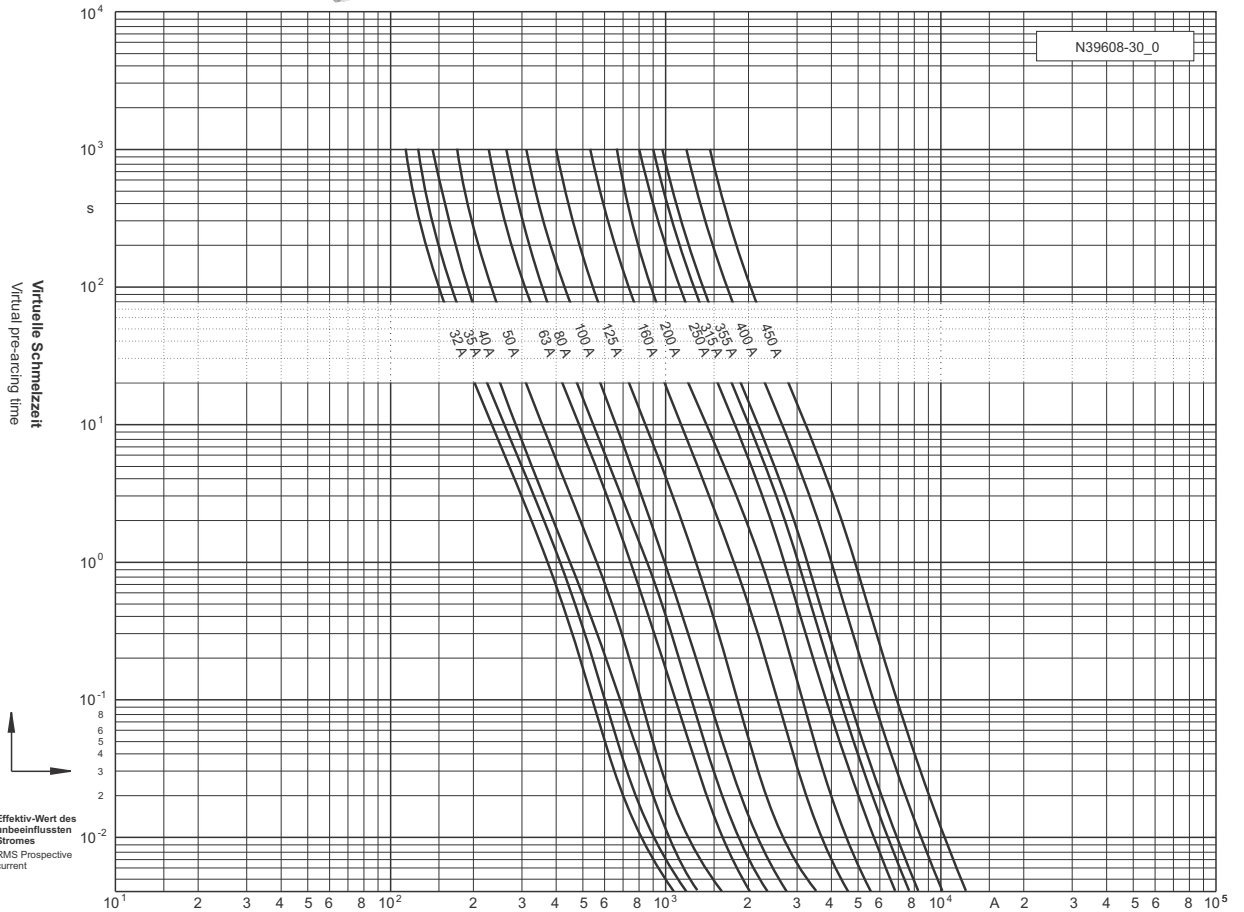
1000 V



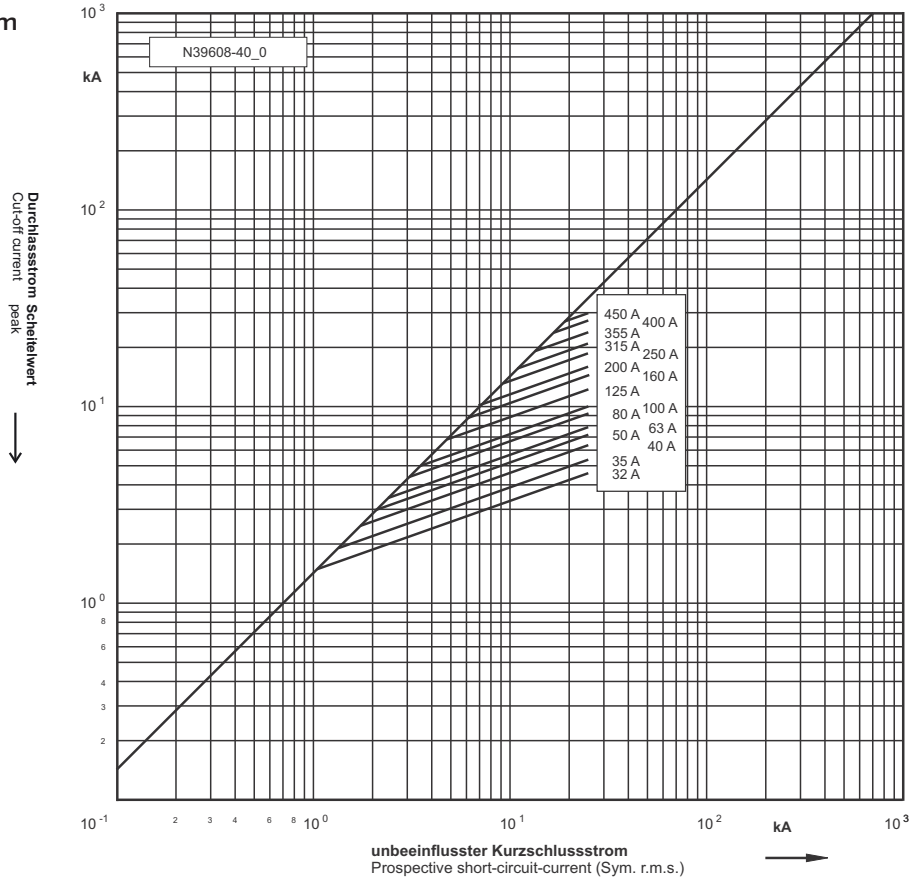
NH 3

aM
Bergbau / Mining

Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current

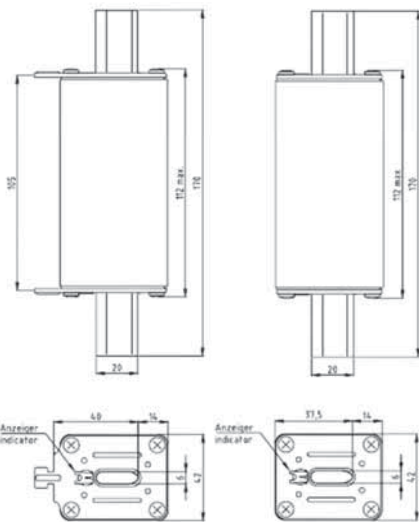


1000 V



NH 1L

Bergbau / Mining



Mit/ohne Griffflasche / With/without removal tags

Verpackung / Packing 1 Stück / 1 piece

Betriebsklasse / Class
gB

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungsstrom Rated Current |
|--|------------------------|---------------|----------------------------------|
| V | | | I_n / A |
| 1000 | 20 280 03 20 283 03 | NH 1L | 16 - 250 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelz- integral Pre-Arcing- i^2t -Value | Ausschaltintegral Total i^2t -Value @ AC 1100 V |
|----------------------------------|---|-----|--|-----|-------------------|--|--|---|
| | NH 1L mit Griffflasche / with removal tags | | NH 1L ohne Griffflasche / without removal tags | | | | | |
| I_n / A | | W | | W | kg/1 | kA | A ² s | A ² s |
| 16 | 20 280 03.16 | 3,1 | 20 283 03.16 | 3,1 | 0,66 | 80 | 32 | 95 |
| 20 | 20 280 03.20 | 3,8 | 20 283 03.20 | 3,8 | 0,66 | 80 | 63 | 180 |
| 25 | 20 280 03.25 | 4,8 | 20 283 03.25 | 4,8 | 0,66 | 80 | 100 | 300 |
| 35 | 20 280 03.35 | 6,7 | 20 283 03.35 | 6,7 | 0,66 | 80 | 350 | 1.100 |
| 40 | 20 280 03.40 | 7,6 | 20 283 03.40 | 7,6 | 0,66 | 80 | 570 | 1.650 |
| 50 | 20 280 03.50 | 9,6 | 20 283 03.50 | 9,6 | 0,66 | 80 | 940 | 2.700 |
| 63 | 20 280 03.63 | 12 | 20 283 03.63 | 12 | 0,66 | 80 | 1.950 | 5.650 |
| 80 | 20 280 03.80 | 15 | 20 283 03.80 | 15 | 0,66 | 80 | 2.600 | 7.600 |
| 100 | 20 280 03.100 | 19 | 20 283 03.100 | 19 | 0,66 | 80 | 5.400 | 15.700 |
| 125 | 20 280 03.125 | 24 | 20 283 03.125 | 24 | 0,66 | 80 | 8.200 | 23.800 |
| 160 | 20 280 03.160 | 31 | 20 283 03.160 | 31 | 0,66 | 80 | 12.800 | 37.200 |
| 200 | 20 280 03.200 | 38 | 20 283 03.200 | 38 | 0,66 | 80 | 14.100 | 41.000 |
| 250 | 20 280 03.250 | 48 | 20 283 03.250 | 48 | 0,66 | 80 | 25.100 | 73.000 |

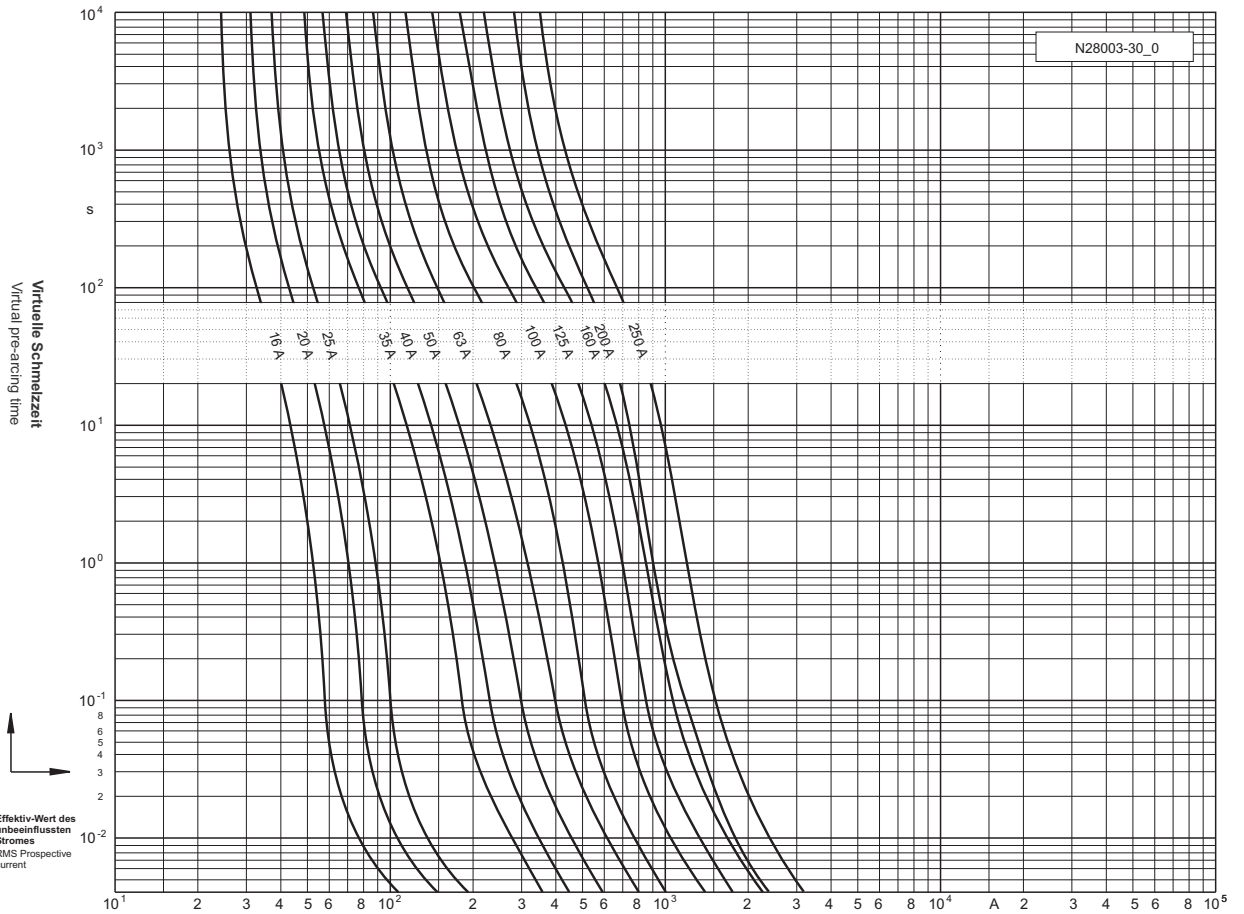
1000 V



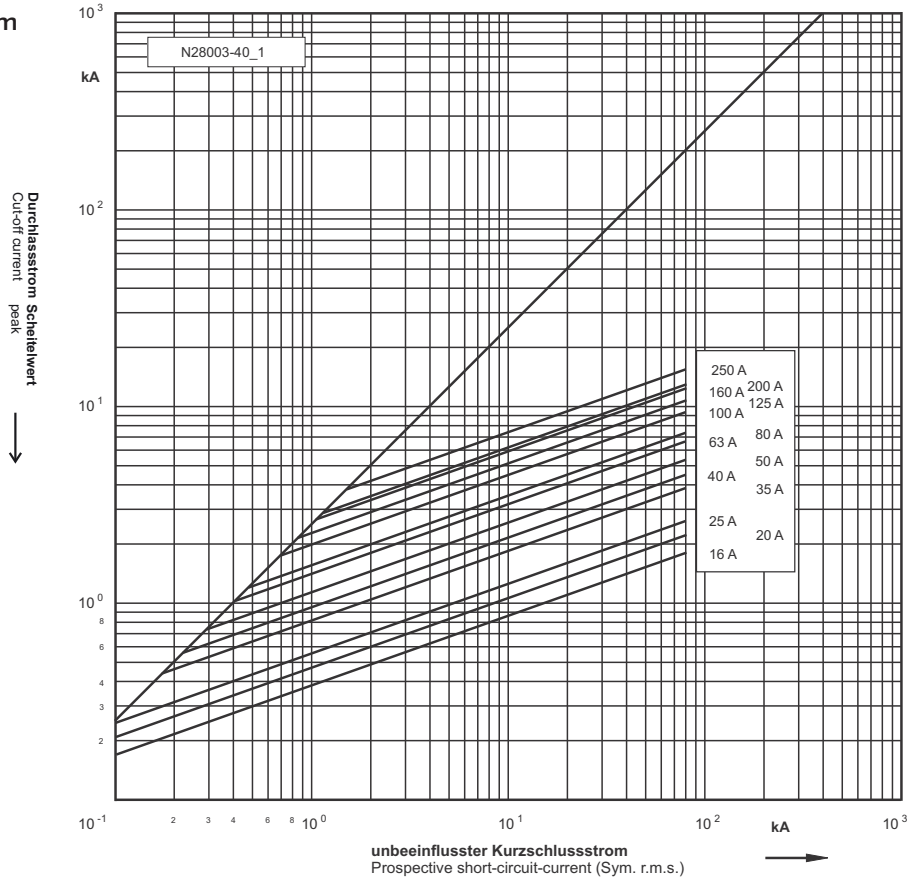
NH 1L

gB

Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current



1000 V



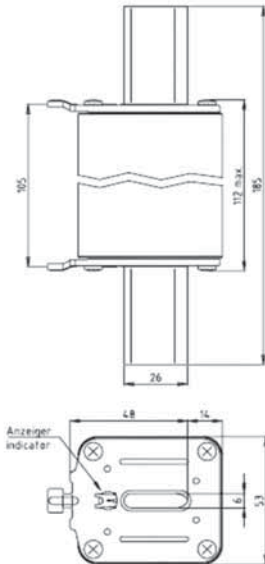
NH 2L

Bergbau / Mining

Verpackung / Packing 1 Stück / 1 piece

Betriebsklasse / Class
gB

VDE 0636 Teil 2011
DIN 43 620 Teil 5



| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungs-strom Rated Current |
|--|--------------------|---------------|-----------------------------------|
| V | | | I_n / A |
| 1000 | 20 284 03 | NH 2L | 35 - 250 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing- i^2t -Value | Ausschaltintegral Total i^2t -Value | |
|----------------------------------|---|-----|-------------------|--|--|--|--|
| | NH 2L | | | | | @ AC 1100 V | |
| I_n / A | | W | kg/1 | kA | A^2s | A^2s | |
| 35 | 20 284 03.35 | 6,4 | 0,87 | 80 | 350 | 1.100 | |
| 40 | 20 284 03.40 | 7,3 | 0,87 | 80 | 570 | 1.650 | |
| 50 | 20 284 03.50 | 9,1 | 0,87 | 80 | 940 | 2.700 | |
| 63 | 20 284 03.63 | 12 | 0,87 | 80 | 1.950 | 5.650 | |
| 80 | 20 284 03.80 | 15 | 0,87 | 80 | 2.600 | 7.600 | |
| 100 | 20 284 03.100 | 18 | 0,87 | 80 | 5.400 | 15.700 | |
| 125 | 20 284 03.125 | 23 | 0,87 | 80 | 8.200 | 23.800 | |
| 160 | 20 284 03.160 | 30 | 0,87 | 80 | 12.800 | 37.200 | |
| 200 | 20 284 03.200 | 37 | 0,87 | 80 | 14.100 | 41.000 | |
| 250 | 20 284 03.250 | 47 | 0,87 | 80 | 25.100 | 73.000 | |

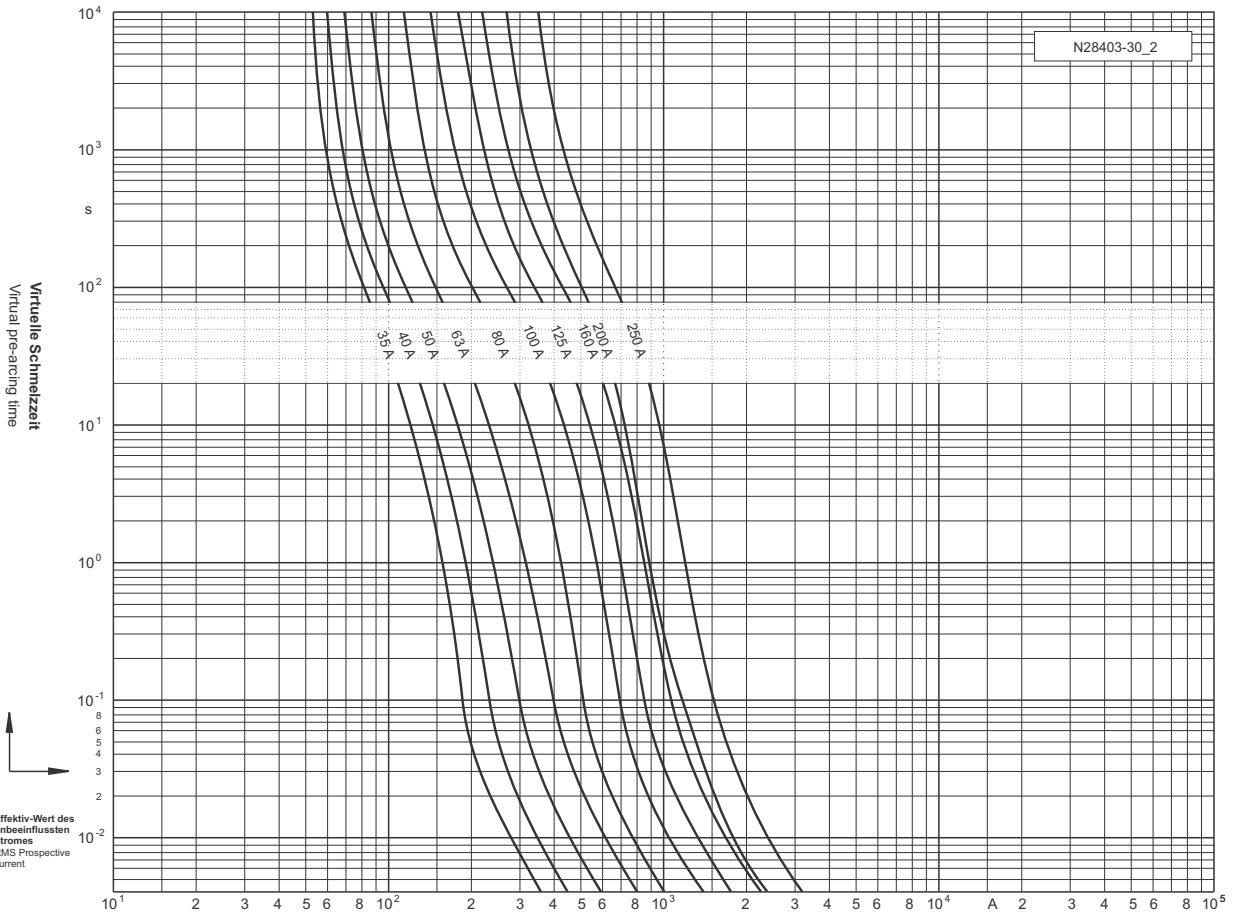
1000 V



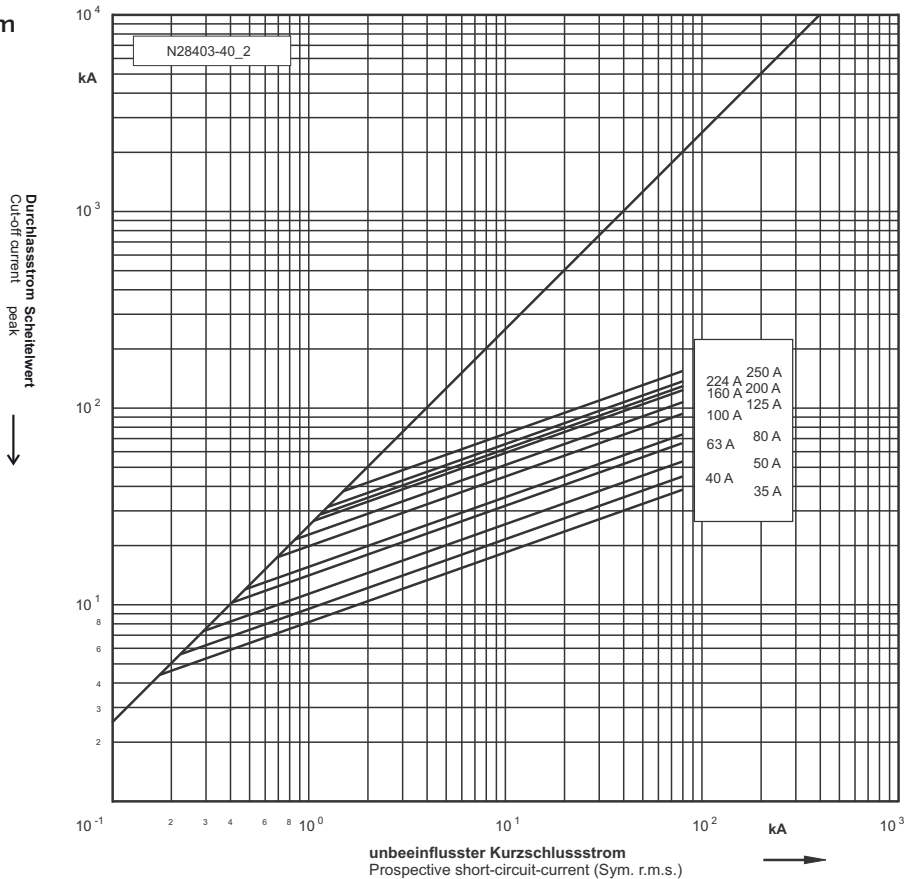
NH 2L

gB

Zeit/Strom-Kennlinien
Time-current characteristics



Durchlass-Strom
Cut-off current



1000 V

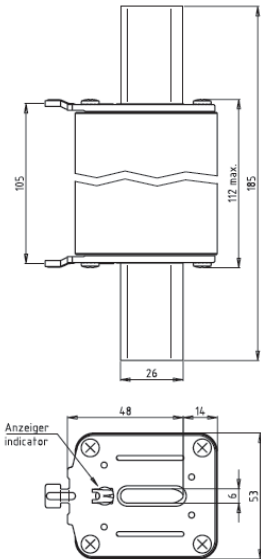


NH 2L

Bergbau / Mining

Mit Griffflasche / With removal tags

Verpackung / Packing 1 Stück / 1 piece



Betriebsklasse / Class
aM Bergbau / Mining

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungsstrom Rated Current |
|--|--------------------|---------------|----------------------------------|
| V | | | I_n / A |
| 1000 | 20 288 08 | NH 2L | 35 - 315 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing- i^2t -Value | Ausschaltintegral Total i^2t -Value | |
|----------------------------------|---|-----|-------------------|--|--|--|--|
| | NH 2L | | | | | @ AC 1000 V | |
| I_n / A | | W | kg/1 | kA | A^2s | A^2s | |
| 35 | 20 288 08.35 | 3,2 | 0,90 | 80 | 3.700 | 7.800 | |
| 40 | 20 288 08.40 | 3,4 | 0,90 | 80 | 5.800 | 12.100 | |
| 50 | 20 288 08.50 | 4,4 | 0,90 | 80 | 8.300 | 17.500 | |
| 63 | 20 288 08.63 | 6,0 | 0,90 | 80 | 11.300 | 23.700 | |
| 80 | 20 288 08.80 | 8,0 | 0,90 | 80 | 18.700 | 39.200 | |
| 100 | 20 288 08.100 | 12 | 0,90 | 80 | 23.100 | 48.400 | |
| 125 | 20 288 08.125 | 13 | 0,90 | 80 | 45.200 | 94.900 | |
| 160 | 20 288 08.160 | 17 | 0,90 | 80 | 74.700 | 157.000 | |
| 200 | 20 288 08.200 | 24 | 0,90 | 80 | 109.500 | 230.000 | |
| 250 | 20 288 08.250 | 28 | 0,90 | 80 | 194.000 | 407.000 | |
| 315 | 20 288 08.315 | 38 | 0,92 | 80 | 267.000 | 560.000 | |

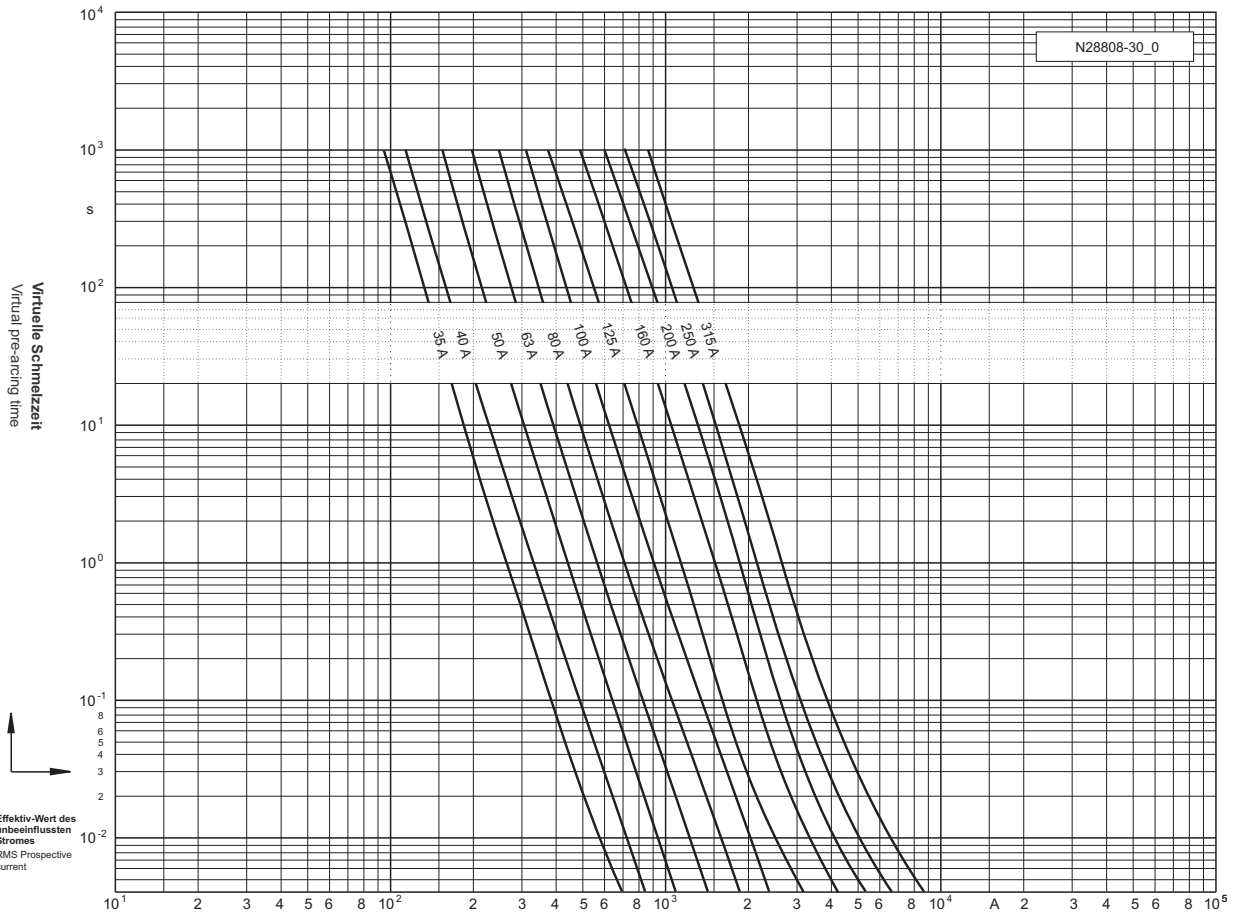
1000 V



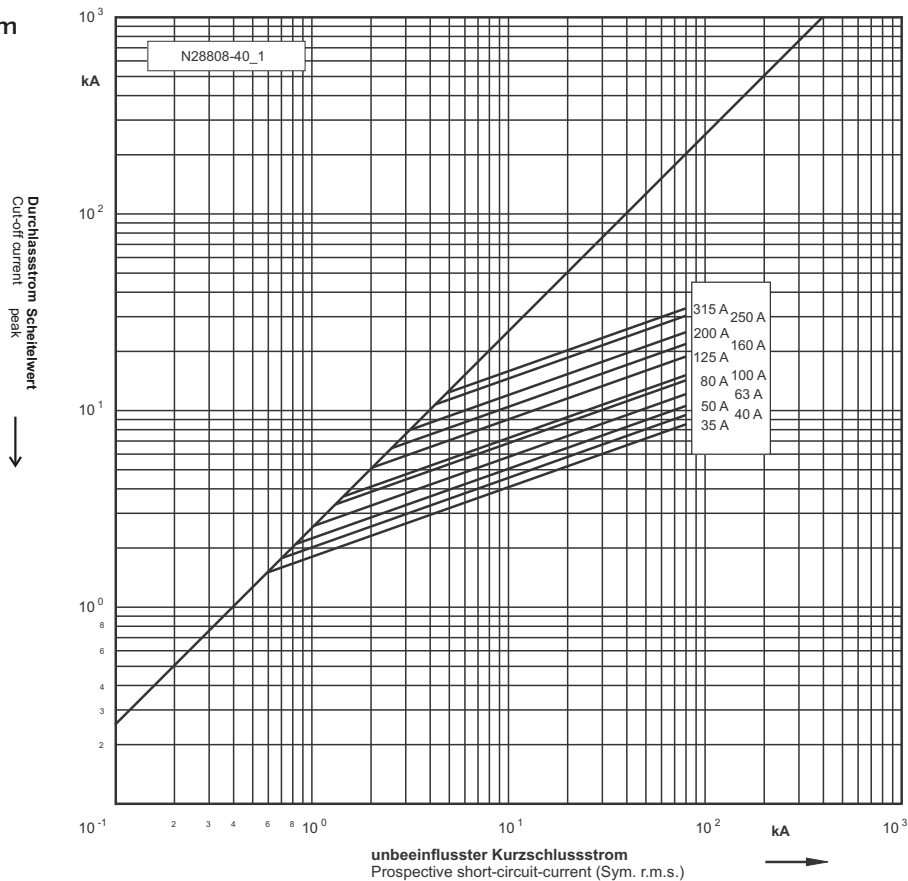
NH 2L

aM
Bergbau / Mining

Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current

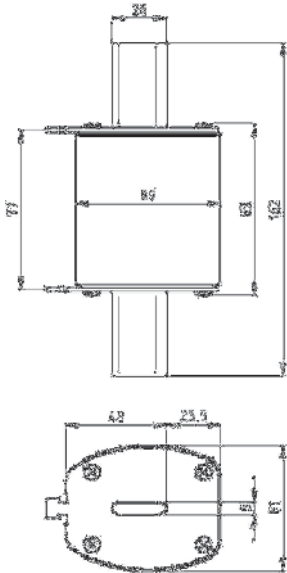


1000 V



NH 3C

Bergbau / Mining



Verpackung / Packing 1 Stück / 1 piece

Betriebsklasse / Class
gB

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungs-strom Rated Current |
|--|--------------------|---------------|--------------------------------------|
| V | | | I_n / A |
| 1000 | 20 358 03 | NH 3C | 6 - 250 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing- i^2t -Value | Ausschaltintegral Total i^2t -Value @ AC 760 V | |
|----------------------------------|---|-------------------|--|--|--|--------|
| I_n / A | NH 3C | W | kg/1 | kA | A^2s | |
| 6 | 20 358 03.6 | 1,4 | 1,04 | 25 | 6,4 | 26 |
| 10 | 20 358 03.10 | 2,0 | 1,04 | 25 | 31 | 124 |
| 16 | 20 358 03.16 | 3,2 | 1,04 | 25 | 52 | 210 |
| 20 | 20 358 03.20 | 4,0 | 1,04 | 25 | 82 | 330 |
| 25 | 20 358 03.25 | 5,3 | 1,04 | 25 | 118 | 470 |
| 35 | 20 358 03.35 | 7,0 | 1,04 | 25 | 223 | 890 |
| 50 | 20 358 03.50 | 10 | 1,04 | 25 | 597 | 2.390 |
| 63 | 20 358 03.63 | 11 | 1,04 | 25 | 1.152 | 4.610 |
| 80 | 20 358 03.80 | 12 | 1,04 | 25 | 1.950 | 7.790 |
| 100 | 20 358 03.100 | 14 | 1,04 | 25 | 3.330 | 13.300 |
| 125 | 20 358 03.125 | 16 | 1,04 | 25 | 5.408 | 21.630 |
| 160 | 20 358 03.160 | 20 | 1,04 | 25 | 9.030 | 36.200 |
| 200 | 20 358 03.200 | 27 | 1,04 | 25 | 13.320 | 52.300 |
| 250 | 20 358 03.250 | 34 | 1,04 | 25 | 22.300 | 89.300 |

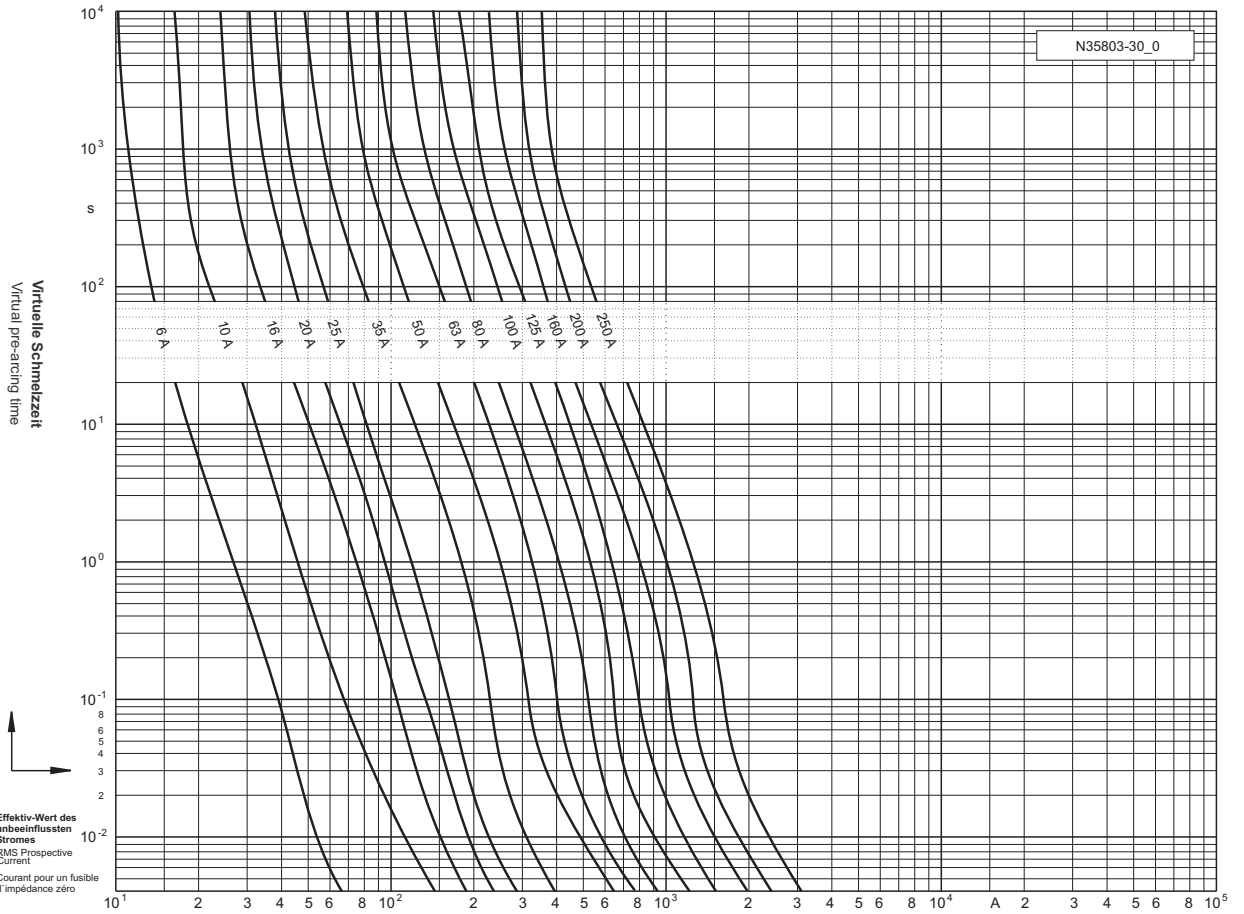
1000 V



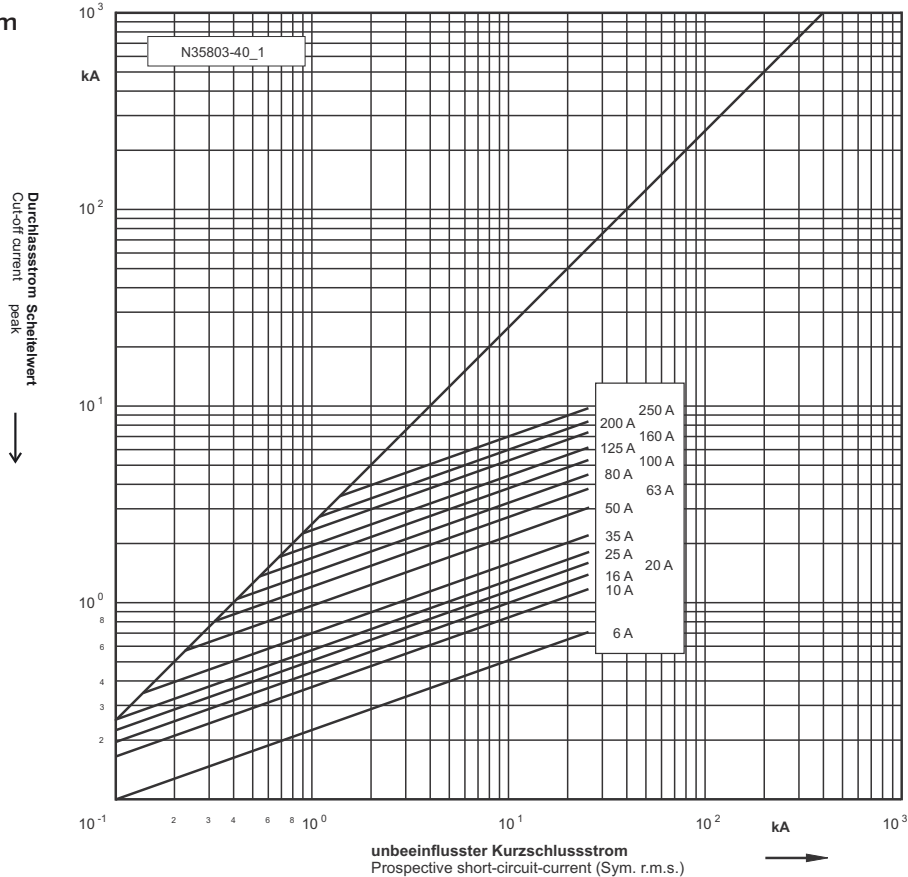
NH 3C

gB

Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current

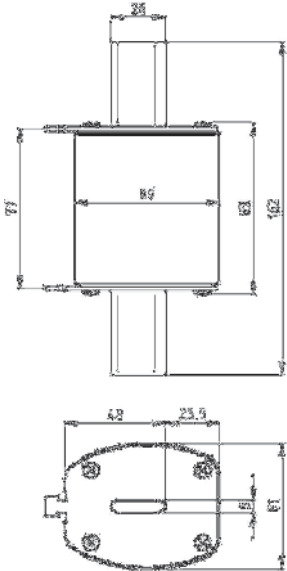


1000 V



NH 3C

Bergbau / Mining



Verpackung / Packing 3 Stück / 3 pieces

Betriebsklasse / Class
aM Bergbau / Mining

VDE 0636 Teil 2011
DIN 43 620 Teil 5

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungs-strom Rated Current |
|--|--------------------|---------------|--------------------------------------|
| V | | | I_n / A |
| 1000 | 20 358 08 | NH 3C | 6 - 425 |

| Bemessungsstrom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | Gewicht Weight | Bemessungs- ausschaltvermögen Rated Breaking Capacity | Schmelzintegral Pre-Arcing-i ² t-Value | Ausschaltintegral Total i ² t-Value @ AC 1100 V | |
|----------------------------------|---|-------------------|--|--|--|-----------|
| I_n / A | NH 3C | W | kg/l | kA | A ² s | |
| 6 | 20 358 08.6 | 0,3 | 1,04 | 25 | 230 | 690 |
| 10 | 20 358 08.10 | 0,6 | 1,04 | 25 | 520 | 1.560 |
| 16 | 20 358 08.16 | 1,2 | 1,04 | 25 | 920 | 2.800 |
| 20 | 20 358 08.20 | 1,5 | 1,04 | 25 | 1.440 | 4.400 |
| 25 | 20 358 08.25 | 2,0 | 1,04 | 25 | 2.080 | 6.300 |
| 32 | 20 358 08.32 | 2,5 | 1,04 | 25 | 3.690 | 11.100 |
| 40 | 20 358 08.40 | 3,4 | 1,04 | 25 | 5.760 | 17.300 |
| 50 | 20 358 08.50 | 4,2 | 1,04 | 25 | 8.300 | 25.000 |
| 63 | 20 358 08.63 | 5,6 | 1,04 | 25 | 14.750 | 44.300 |
| 80 | 20 358 08.80 | 9,1 | 1,04 | 25 | 18.700 | 56.000 |
| 100 | 20 358 08.100 | 11 | 1,04 | 25 | 25.400 | 72.200 |
| 125 | 20 358 08.125 | 13 | 1,04 | 25 | 42.000 | 126.000 |
| 160 | 20 358 08.160 | 14 | 1,04 | 25 | 74.700 | 224.000 |
| 200 | 20 358 08.200 | 15 | 1,04 | 25 | 101.600 | 305.000 |
| 250 | 20 358 08.250 | 28 | 1,04 | 25 | 207.400 | 622.000 |
| 315 | 20 358 08.315 | 40 | 1,04 | 25 | 368.700 | 1.106.000 |
| 355 | 20 358 08.355 | 51 | 1,04 | 25 | 59.800 | 406.100 |
| 425 | 20 358 08.425 | 53 | 1,04 | 25 | 150.800 | 1.055.400 |

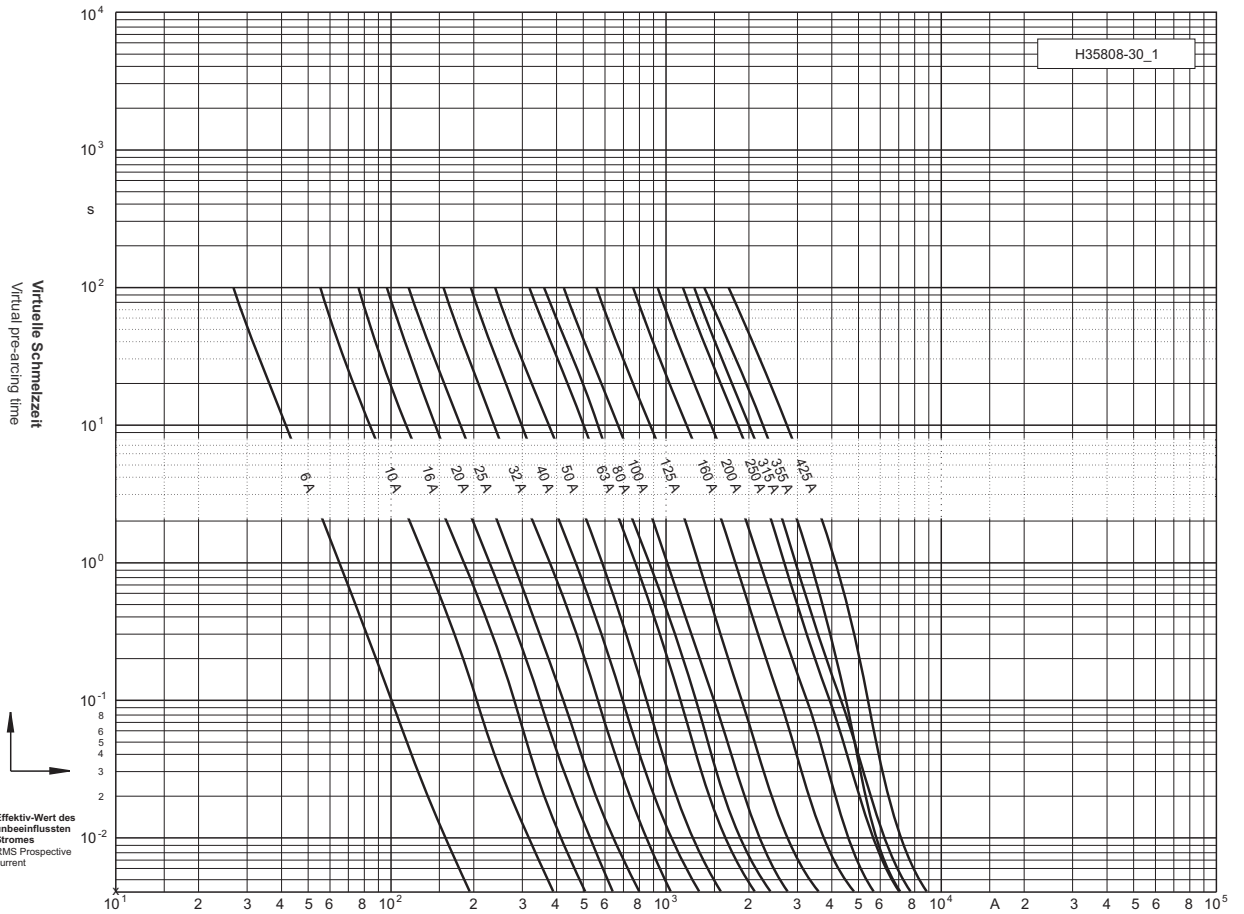
1000 V



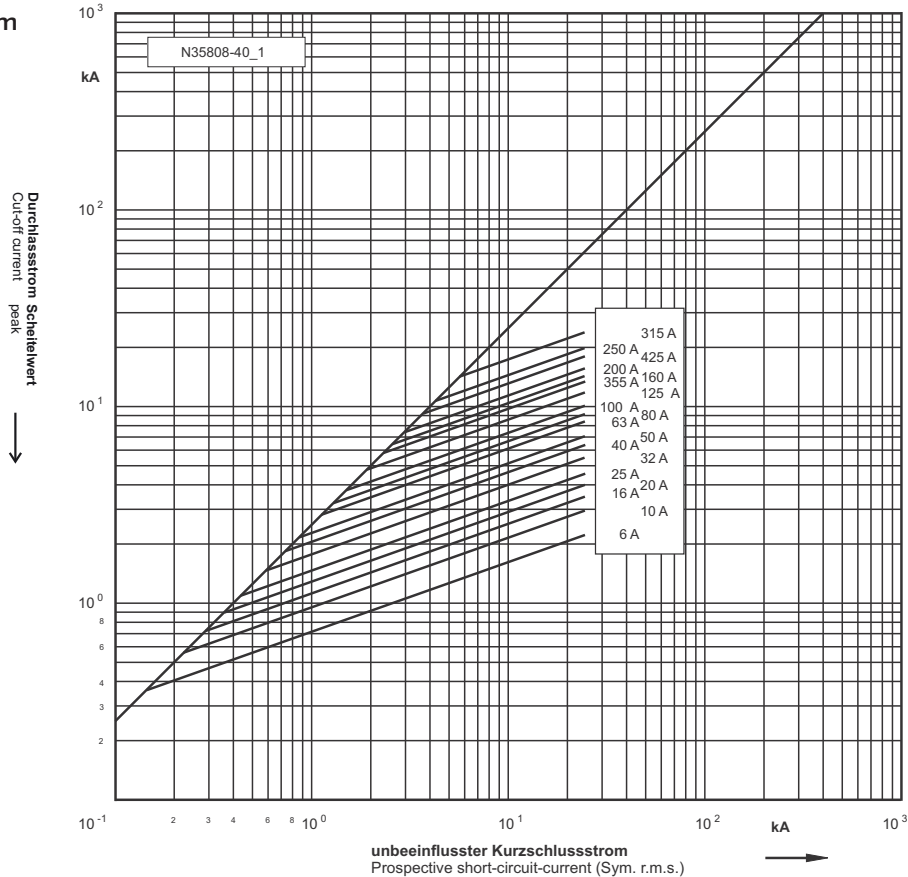
NH 3C

aM
Bergbau / Mining

Zeit/Strom-
Kennlinien
Time-current
characteristics



Durchlass-Strom
Cut-off current

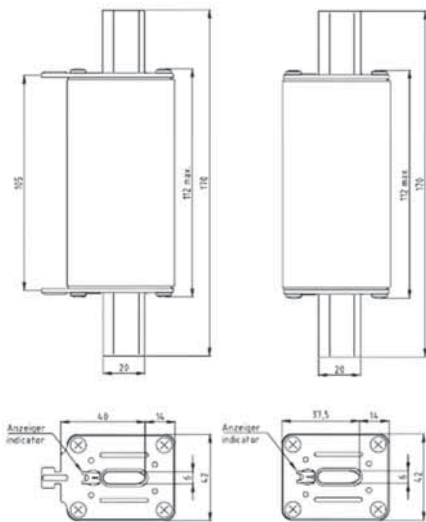


**1000 V
(1140 V)**



NH 1L

Bergbau / Mining



Mit/ohne Griffflasche / With/without removal tags

Verpackung / Packing 1 Stück / 1 piece

Betriebsklasse / Class
aM Bergbau / Mining

**VDE 0636 Teil 2011
DIN 43 620 Teil 5**

| Bemes- sungs- spannung Rated Voltage | Artikel Article | Größe Size | Bemessungsstrom Rated Current |
|--|--------------------|---------------|----------------------------------|
| V | | | I_n / A |
| 1000 | 20 286 08 | NH 1L | (*25 - 250) 300 - 315 |
| *1140 | 20 287 08 | | 25 - 315 |

| Bemessungs- strom Rated Current | Artikel Nr. / Leistungsabgabe Article No. / Power Loss | | | | Gewicht Weight | Bemessungs- ausschalt- vermögen Rated Breaking Capacity | Schmelz- integral Pre-Arcing- i^2t -Value | Ausschaltintegral Total i^2t -Value | |
|--|---|-----|---|-----|-------------------|---|--|--|----------------|
| | NH 1L mit Griffflasche / with removal tags | | NH 1L ohne Griffflasche / without removal tags | | | | | @ AC 1000 V | @ AC 1100 V |
| I_n / A | | W | | W | kg/1 | kA | A^2s | A^2s | A^2s |
| 25 | 20 286 08.25 (*) | 2,4 | 20 287 08.25 | 2,4 | 0,66 | 80 | 1.460 | 3.100 | 3.700 |
| 32 | 20 286 08.32 (*) | 3,4 | 20 287 08.32 | 3,4 | 0,66 | 80 | 2.800 | 5.900 | 7.100 |
| 35 | 20 286 08.35 (*) | 3,4 | 20 287 08.35 | 3,4 | 0,66 | 80 | 3.700 | 7.800 | 9.300 |
| 40 | 20 286 08.40 (*) | 3,8 | 20 287 08.40 | 3,8 | 0,66 | 80 | 5.800 | 12.100 | 14.400 |
| 50 | 20 286 08.50 (*) | 4,6 | 20 287 08.50 | 4,6 | 0,66 | 80 | 8.300 | 17.500 | 20.800 |
| 63 | 20 286 08.63 (*) | 6,4 | 20 287 08.63 | 6,4 | 0,66 | 80 | 11.300 | 23.700 | 28.300 |
| 80 | 20 286 08.80 (*) | 8,0 | 20 287 08.80 | 8,0 | 0,66 | 80 | 18.700 | 39.200 | 46.700 |
| 100 | 20 286 08.100 (*) | 11 | 20 287 08.100 | 11 | 0,66 | 80 | 23.100 | 48.400 | 57.600 |
| 125 | 20 286 08.125 (*) | 13 | 20 287 08.125 | 13 | 0,66 | 80 | 45.200 | 94.900 | 113.000 |
| 160 | 20 286 08.160 (*) | 17 | 20 287 08.160 | 17 | 0,66 | 80 | 74.700 | 157.000 | 187.000 |
| 200 | 20 286 08.200 (*) | 24 | 20 287 08.200 | 24 | 0,66 | 80 | 109.500 | 230.000 | 274.000 |
| 250 | 20 286 08.250 (*) | 29 | 20 287 08.250 | 29 | 0,66 | 80 | 194.000 | 407.000 | 485.000 |
| 300 | 20 286 08.300 | 38 | 20 287 08.300 | 38 | 0,66 | 80 | 164.000 | 344.000 | 410.000 |
| 315 | 20 286 08.315 | 40 | 20 287 08.315 | 40 | 0,66 | 80 | 267.000 | 560.000 | 666.000 |

(*) 1140 V

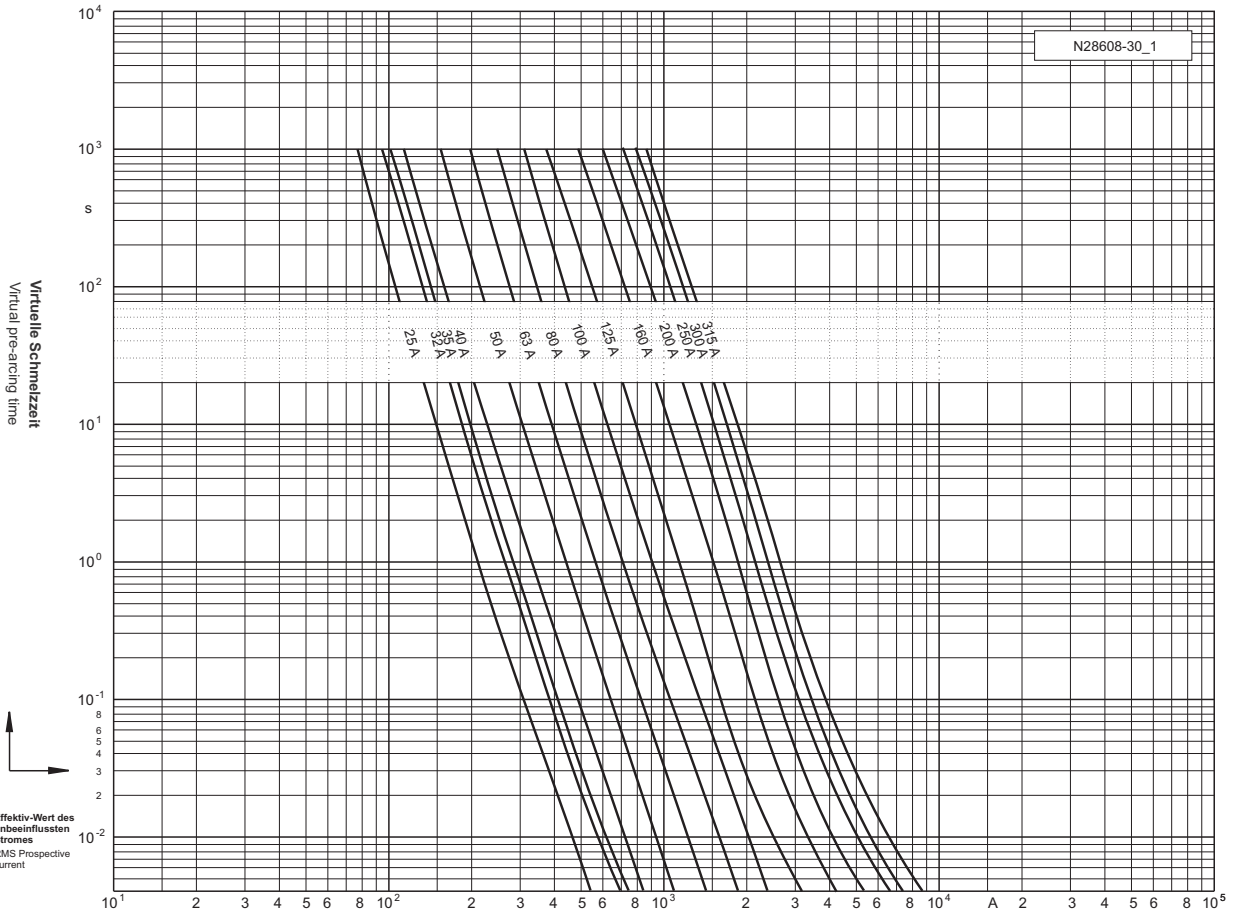
**1000 V
(1140 V)**



NH 1L

aM
Bergbau / Mining

**Zeit/Strom-
Kennlinien**
Time-current
characteristics



Durchlass-Strom
Cut-off current

