

NH – Fuse-links

Time current characteristic curves

gL/gG
Size 000
690 V AC

Pre-arcing
Time (s)

The graph displays time-current characteristic curves for NH fuse-links. The vertical axis represents the pre-arcing time in seconds on a logarithmic scale from 0.0001 to 10,000. The horizontal axis represents the RMS value of the prospective current in Amperes (A) on a logarithmic scale from 2 to 20,000, with a tolerance of +/- 10%. Multiple curves are plotted, each corresponding to a specific current rating: 2 A, 4 A, 6 A, 10 A, 16 A, 20 A, 25 A, 32 A, 35 A, 40 A, 50 A, 63 A, and 80 A. The curves show that as the current increases, the pre-arcing time decreases significantly.

RMS value of the perspective current (A) +/- 10%

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Time current characteristic curves

gL/gG
Size 00
690 V AC

Pre-arcing
Time (s)

The graph displays time-current characteristic curves for NH fuse-links. The vertical axis represents the pre-arcing time in seconds on a logarithmic scale from 0.0001 to 10,000. The horizontal axis represents the RMS value of the prospective current in Amperes (A) on a logarithmic scale from 10 to 30,000, with a tolerance of +/- 10%. Eight curves are shown, each corresponding to a different fuse rating: 32 A, 35 A, 40 A, 50 A, 63 A, 80 A, 100 A, and 125 A. The curves show that as the current increases, the pre-arcing time decreases significantly. For example, a 32 A fuse can withstand a current of approximately 100 A for about 100 seconds, while a 125 A fuse can withstand a current of approximately 1,000 A for about 0.1 seconds.

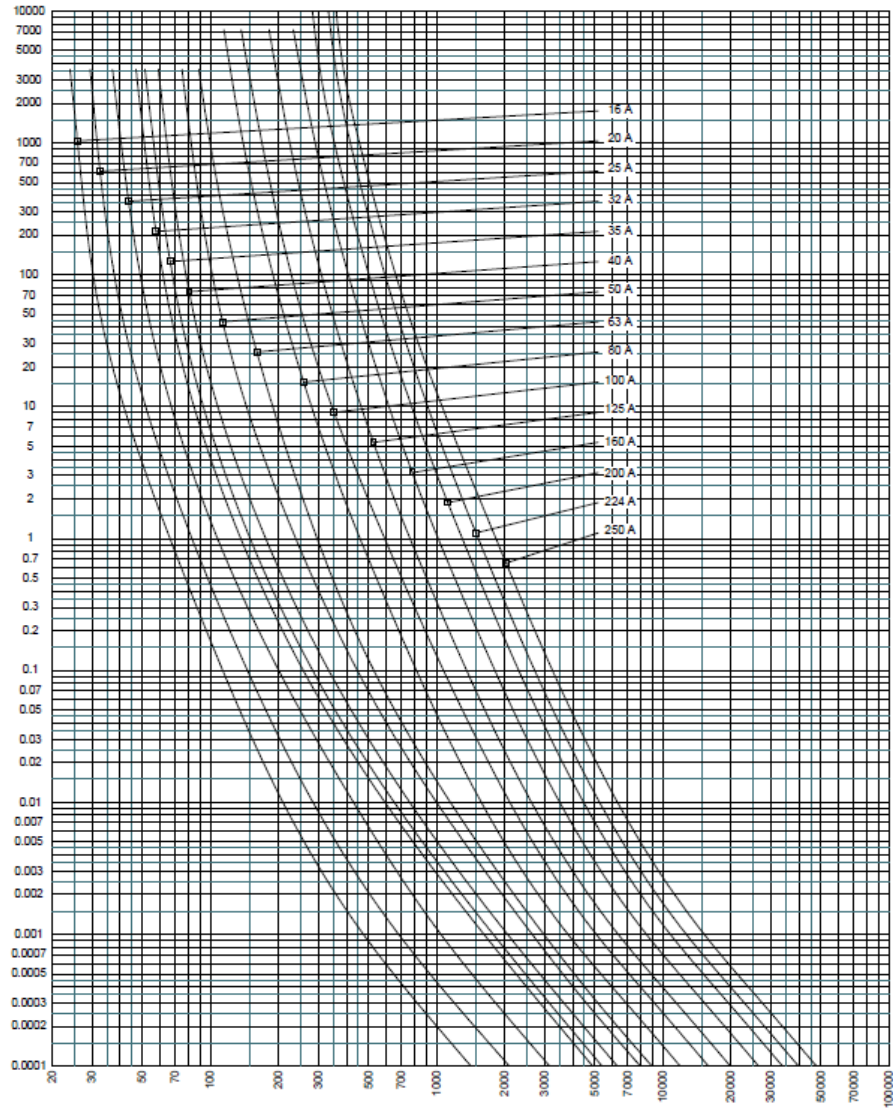
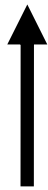
RMS value of the perspective current (A) +/- 10%

NH – Fuse-links

Time current characteristic curves

gL/gG
Size 1
690 V AC

Pre-arcing
Time (s)



RMS value of the prospective current (A) +/- 10%

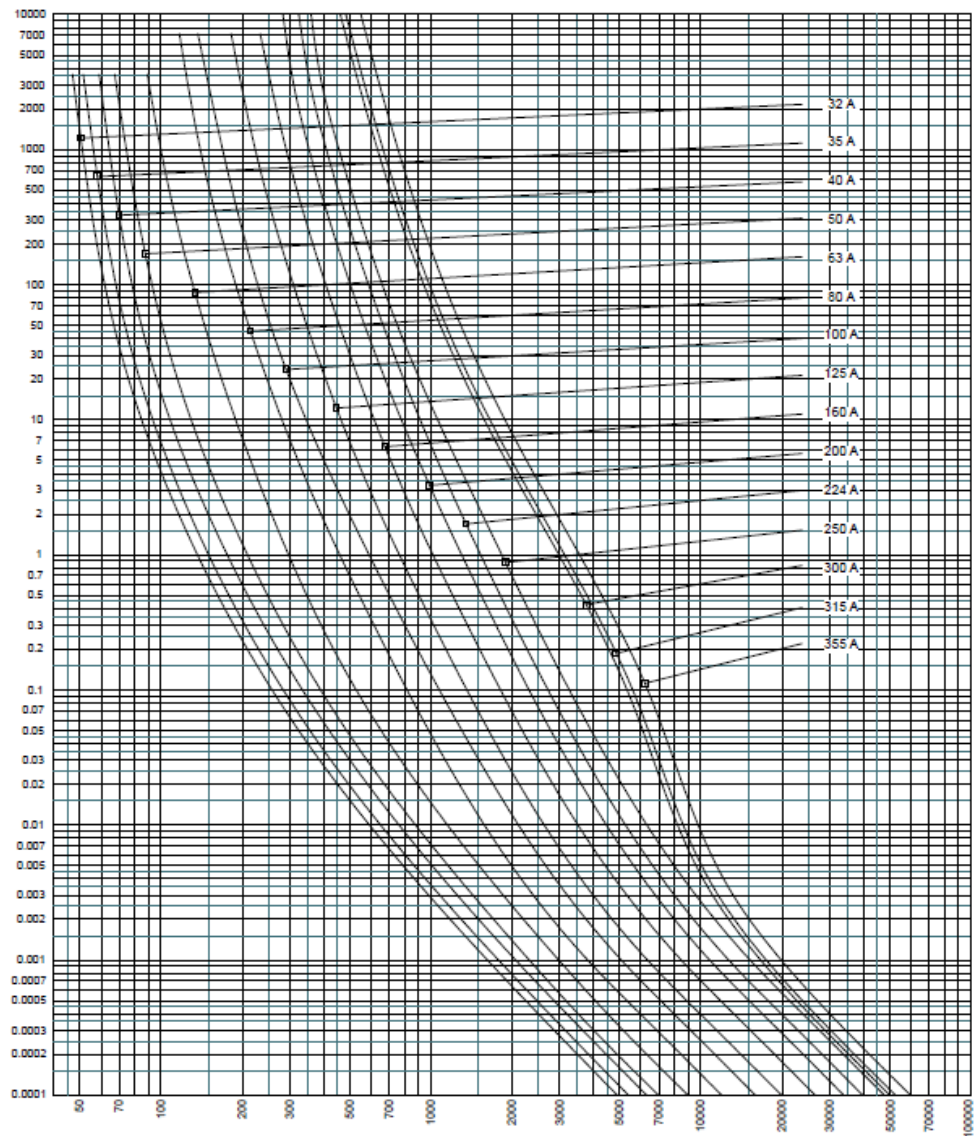


NH – Fuse-links

Time current characteristic curves

gL/gG
Size 2
690 V AC

Pre-arcing
Time (s)



RMS value of the prospective current (A) +/- 10%



NH – Fuse-links

Time current characteristic curves

gL/gG
Size 3
690 V AC

Pre-arcing
Time (s)

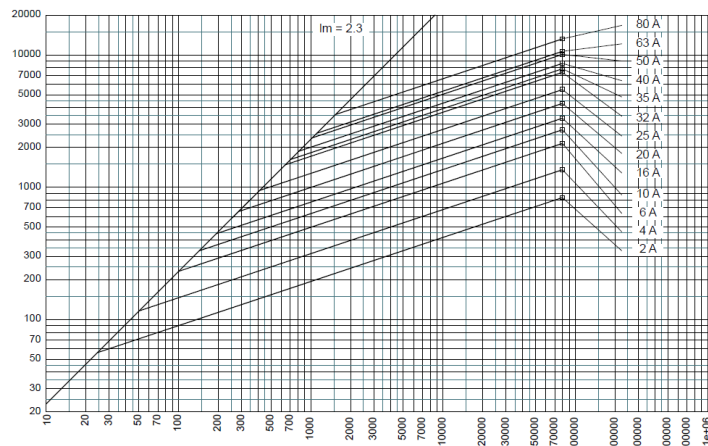
The graph displays time-current characteristic curves for NH fuse-links. The vertical axis (y-axis) represents Pre-arcing Time (s) on a logarithmic scale from 0.0001 to 10000. The horizontal axis (x-axis) represents the RMS value of the prospective current (A) +/- 10% on a logarithmic scale from 100 to 100000. Eight curves are shown, each corresponding to a different current rating: 224 A, 250 A, 315 A, 365 A, 400 A, 425 A, 450 A, and 500 A. The curves show that as the current increases, the pre-arcing time decreases significantly. For example, the 224 A curve shows a pre-arcing time of approximately 1000 seconds at 100 A, while the 500 A curve shows a pre-arcing time of approximately 0.0001 seconds at 100000 A.

RMS value of the prospective current (A) +/- 10%

NH – Fuse-links Cut-off Current characteristic

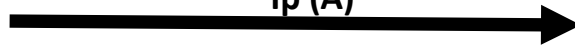
**gL/gG
Size 000
690 V AC**

**Max. peak let-
thru current
 I_c (A)**



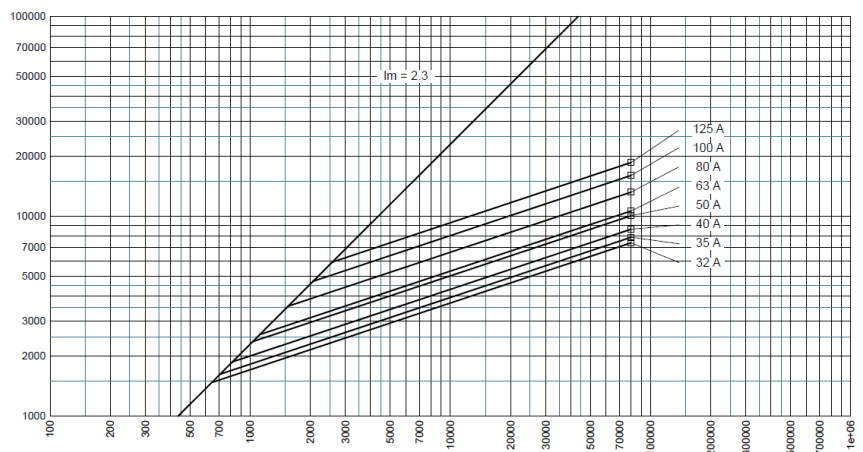
50 Hz RMS value of the prospective current

I_p (A)



**gL/gG
Size 00
690 V AC**

**Max. peak let-
thru current
 I_c (A)**



50 Hz RMS value of the prospective current I_p (A)

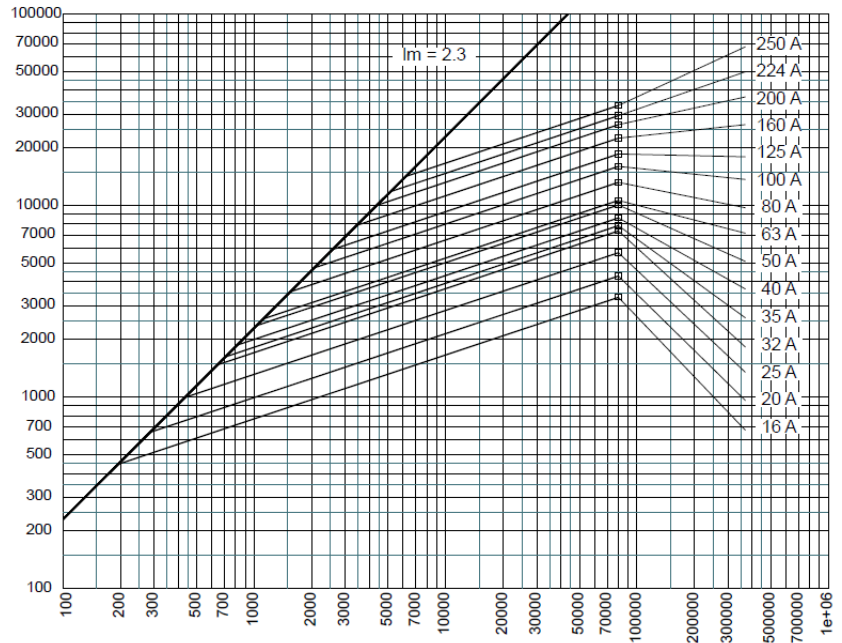


NH – Fuse-links

Cut-off Current characteristic

gL/gG
Size 1
690 V AC

Max. peak let-
thru current
 I_c (A)



50 Hz RMS value of the prospective current I_p (A)

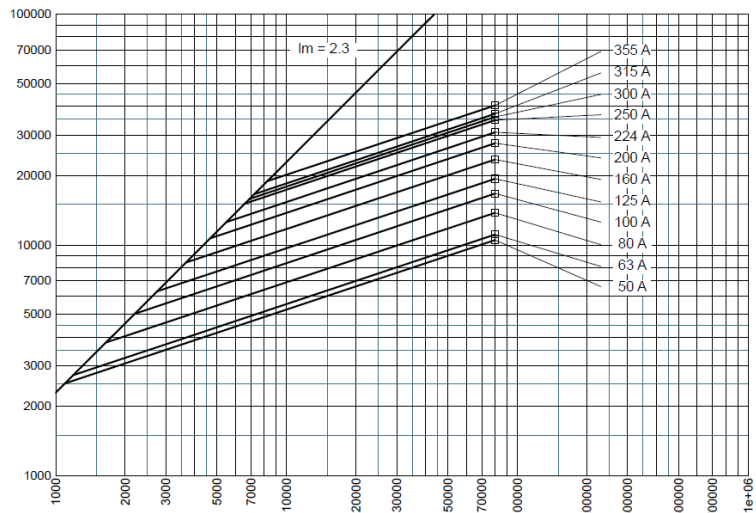


NH – Fuse-links

Cut-off Current characteristic

gL/gG
Size 2
690 V AC

Max. peak let-
thru current
 I_c (A)

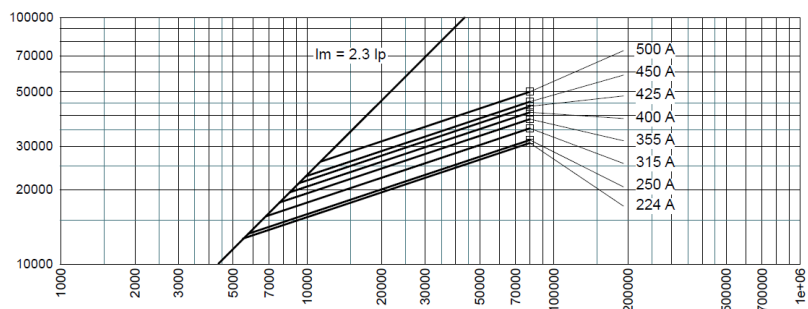


50 Hz RMS value of the prospective current I_p (A)



gL/gG
Size 3
690 V AC

Max. peak let-
thru current
 I_c (A)



50 Hz RMS value of the prospective current
 I_p (A)

