

Fuses gG 500V, 690V and gG/LP 400V

Advantageous features:

- Low power dissipation
- Top- and middle indicator construction
- Insulated gripping lugs
- High breaking capacity
- Marking: MEEI; VDE

Function

gG characteristic: general purpose (eg. wire protection)

Standard conformity

- EN 60 269-1
- EN 60 269-2
- HD 630.2.1
- IEC 60269-1
- IEC 60269-2
- DIN 0636/201
- VDE 0636/201

Technical data: gG 500V, 690V and gG/LP 400V

Size range

	gG 500 V	gG 690 V	gG/LP 400 V
000 (00C)	2 - 100 A	-	2 - 100 A
00	2 - 160 A	2 - 100 A	2 - 160 A
0	6 - 160 A	6 - 160 A	-
1C	6 - 160 A	6 - 160 A	-
1	25 - 250 A	25 - 250 A	25 - 250 A
2C	25 - 250 A	25 - 250 A	-
2	63 - 400 A	63 - 400 A	63 - 400 A
3C	63 - 400 A	63 - 400 A	-
3	160 - 630 A	160 - 400 A	160 - 630 A
4 *	400 - 1250 A	-	-
4a**	400 - 1250 A	-	-
NHL1	25 - 250 A	-	-
NHL2	63 - 400 A	-	-

- * Breaking capacity 80kA
- Rated voltage 400V~
- ** Breaking capacity 50kA

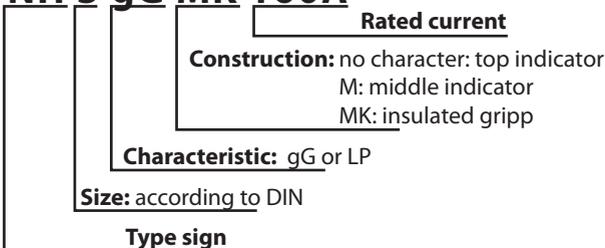
- Rated voltage:** 500V~, 690~
- Rated frequency:** 50Hz
- Selectivity:** 1:1,6
- Current breaking capacity:** 120kA (gG 500V)
100kA (gG 690V, LP 400V)

Additionally

The printing on the fuses are black (gG) or blue (LP). NHL type fuses listed among the size-range come with screw connection instead of blades (see at typerange). NHL type fuses are always made with middle indicators.

Type marking

NH 3 gG MK 160A



Constructions with:

- Top indicator
- Middle indicator
- Middle indicator and insulated gripping lugs (plastic cover-plate)



Fuses: aM 500 V a 690 V

Advantageous features:

Low power dissipation
Top- and middle indicator construction
Insulated gripping lugs
High breaking capacity
Marking: VDE

Function:

aM characteristic: partial-range breaking capacity, motor circuits protection (formerly back-up protection)

Standard conformity:

EN 60 269-1
EN 60 269-2
HD 630.2.1
IEC 60269-1
IEC 60269-2
DIN 0636/201
VDE 0636/201

Technical data: aM 500 V a 690 V

Size range

	aM 500V	aM 690V
000 (00C)	6-100A	6-63A
00	6-160A	6-100A
0	6-160A	6-160A
1C	6-160A	6-160A
1	25-250A	25-250A
2C	25-250A	25-250A
2	63-400A	63-400A
3C	63-400A	63-400A
3	160-400A	160-400A

Additionally

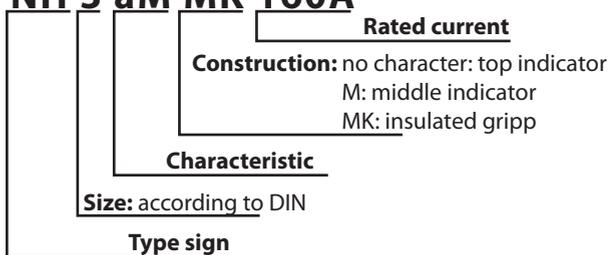
The printing on the fuses are green. The partial interval protection operates in case of high overcurrent, when the thermal circuit breakers are not able to melt (e.g. because of being burned).

Rated voltage: 500V~, 690V~
Rated frequency: 50Hz
Selectivity: 1:1,6
Current breaking capacity: 100kA

Constructions with: Top indicator
Middle indicator
Middle indicator and insulated gripping lugs (plastic Cover-plate)

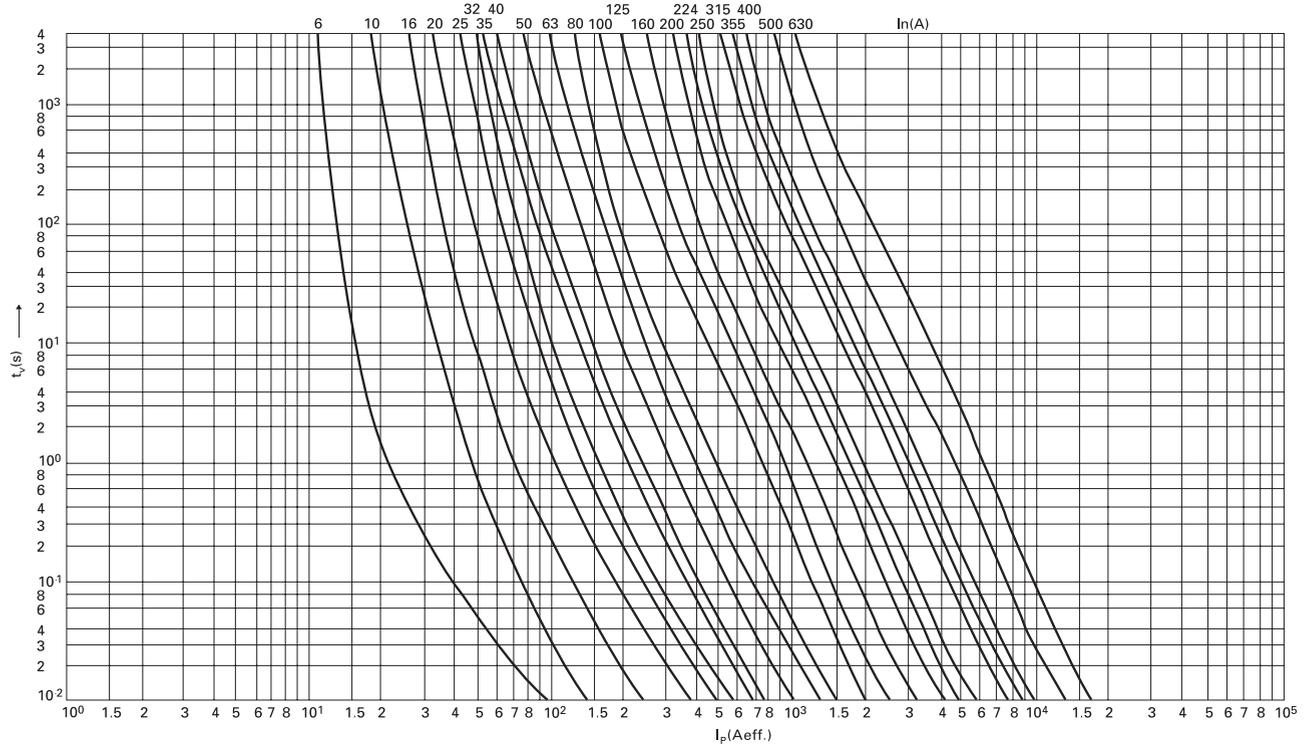
Type marking

NH 3 aM MK 160A

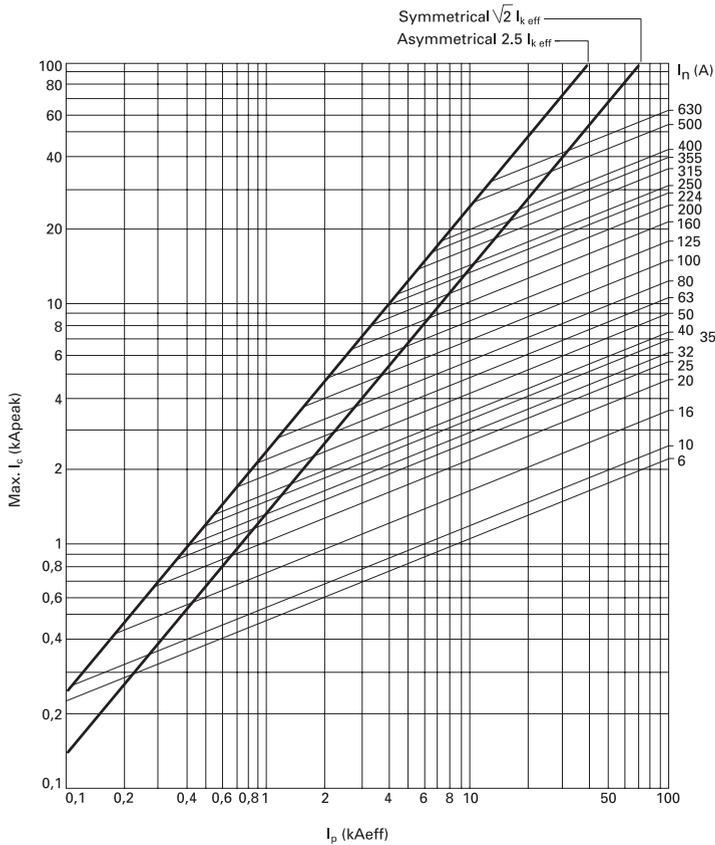


Characteristics of NH fuses; gG 500V and 690V

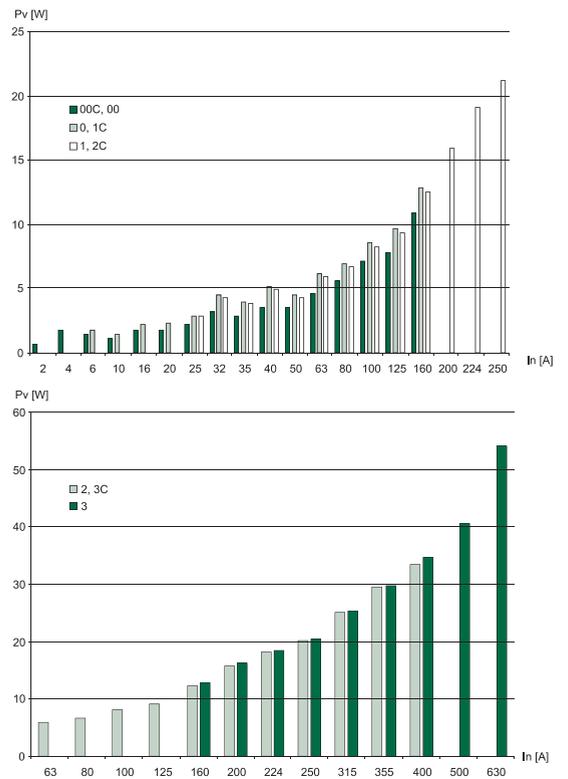
Time-current characteristics



Cut-off current characteristics

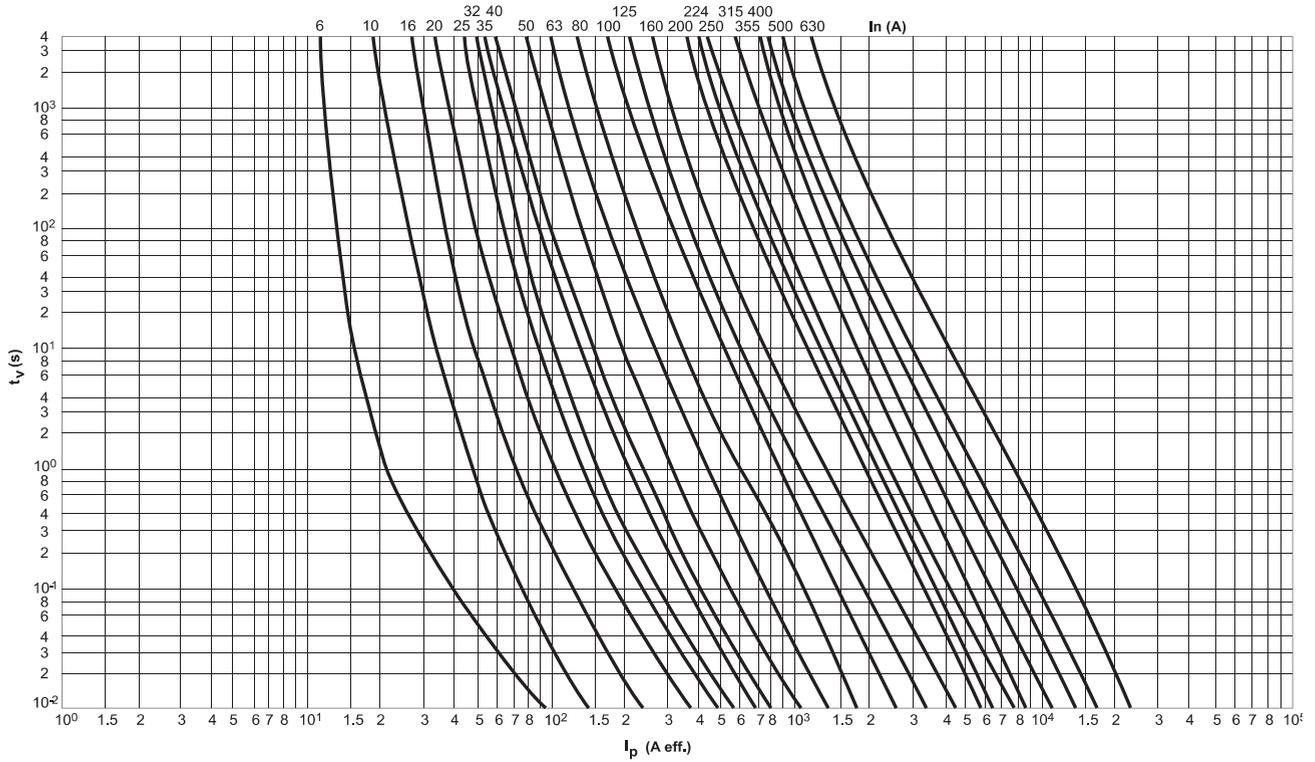


Power dissipation

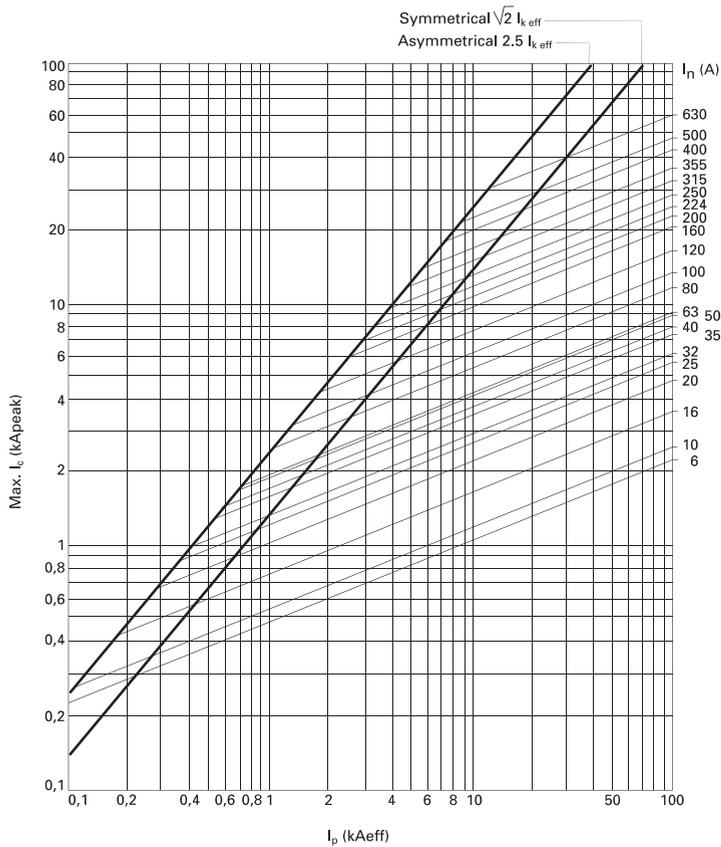


Characteristics of NH fuses; gG/LP 400V

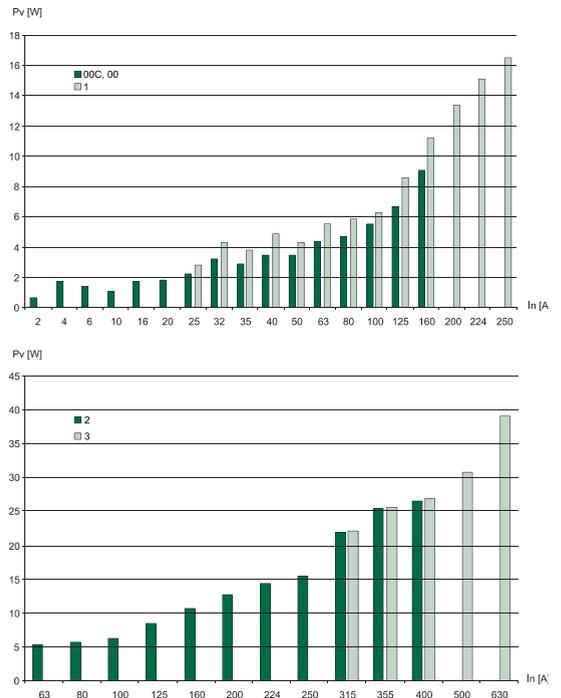
Time-current characteristics



Cut-off current characteristics

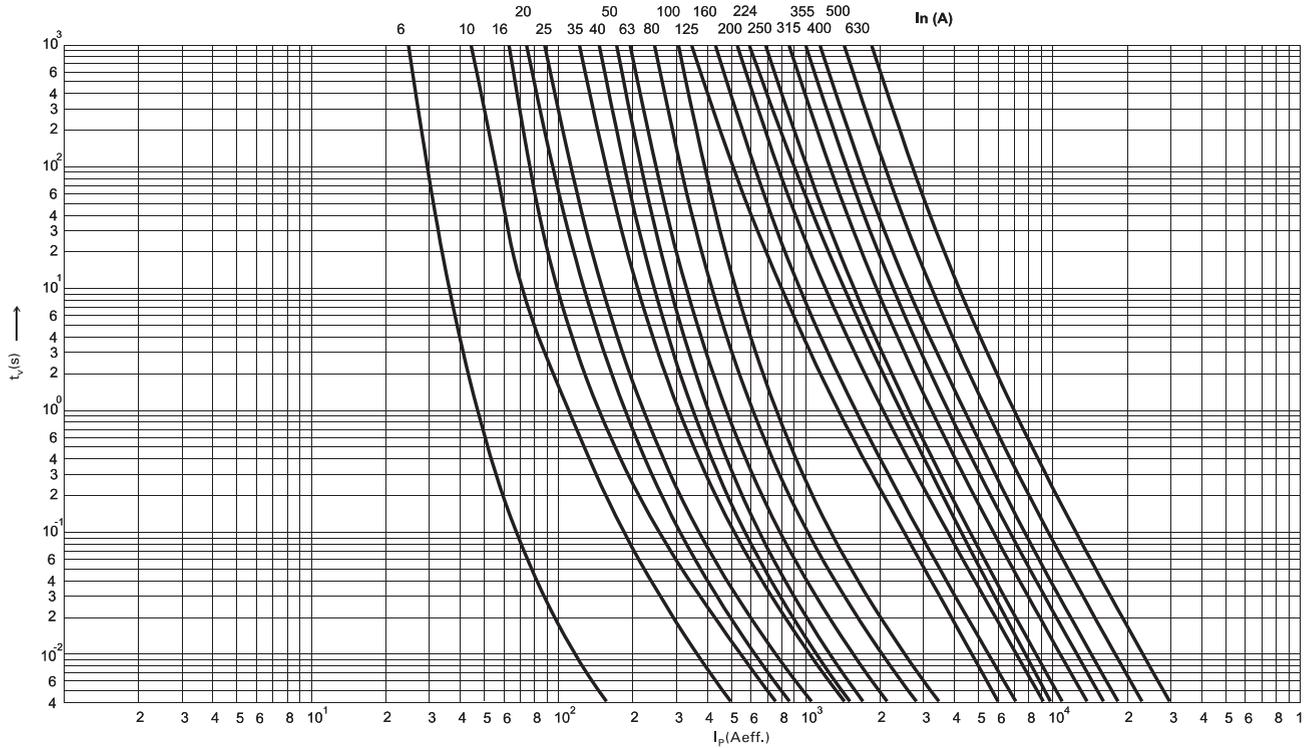


Power dissipation

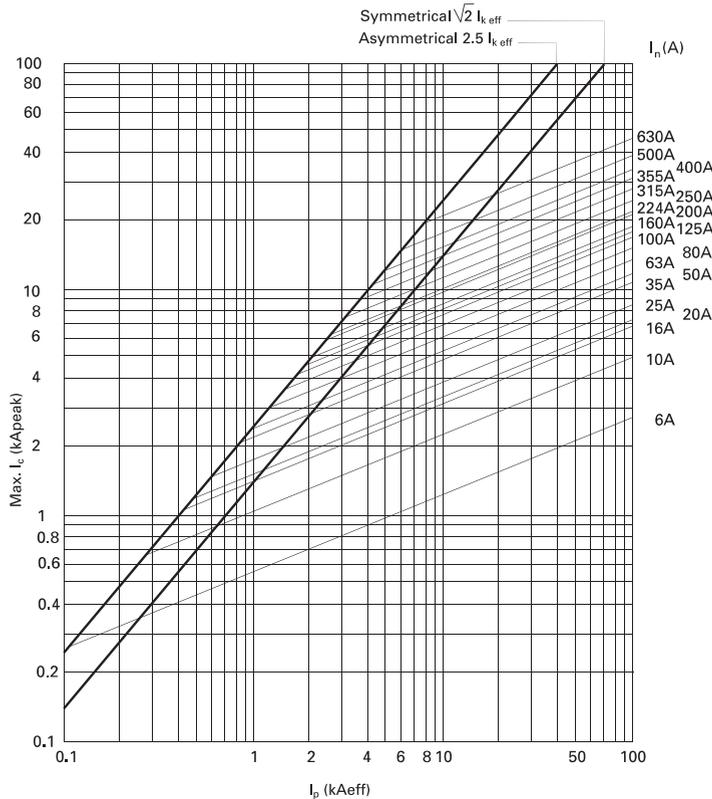


Characteristics of NH fuses; aM 500V and 690V

Time-current characteristics



Cut-off current characteristics



Power dissipation

