

## NHG B NH HRC fuses

DIN 000 to 4 Class: gG/gL DIN square bodied, dual indication industrial fuses with voltage conducting metal gripping lugs. They are made of a steatite insulator, corrosion-proof (aluminum) metal parts with full-contact and silver-plated copper blades. All NHG fuses feature a selectivity ratio: 1:1.6 up to 500 Vac.

### Ratings

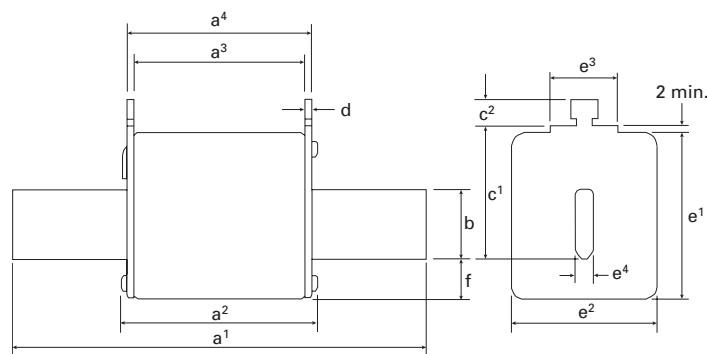
- Volts
  - 500 Vac
  - 690 Vac
- Amps 2-1250 A
- IR 120 kA
- Frequency
  - 45-62 Hz operating



### Agency information

- IEC 60269, VDE 0636, DIN 43620
- CE (500 Vac only)

### Dimensions — mm



Fuse size	a <sup>1</sup>	a <sup>2</sup>	a <sup>3</sup>	a <sup>4</sup>	b	c <sup>1</sup>	c <sup>2</sup>	D	e <sup>1</sup>	e <sup>2</sup>	e <sup>3</sup>	e <sup>4</sup>	f
000	79	54	45	49	15	35	10	2	41	21	16	6	8
00	79	54	45	49	15	35	11	7.0	48	30	25	6	15
0	125	68	62	68	15	35	11	2.5	48	30	25	6	15
01	135	75	62	68	15	40	11	2.5	48	30	25	6	15
1	135	75	62	68	20	40	11	2.5	53	52	25	6	15
02	150	75	62	68	20	48	11	2.5	53	52	25	6	15
2	150	75	62	68	25	48	11	2.5	61	60	25	6	15
03	150	75	62	68	25	60	11	2.5	61	60	25	6	15
3	150	75	62	68	32	60	11	3.0	75	70	25	6	18
4	200	84	80	90	50	85	11	3	120	87	—	8	30

### Recommended fuse blocks

Block catalog no.	Fuse size
SD00-D	000-00
SD1-D	1*, 1
SD2-D	02, 2, 03, 3

## NHG B NH HRC fuses

### 500 Vac gG/gL dual indicator voltage conducting metal gripping lugs

Amps	Catalog no.	Amps	Catalog no.
<b>000 size</b>		<b>1 size</b>	
2	2NHG000B	50	50NHG1B
4	4NHG000B	63	63NHG1B
6	6NHG000B	80	80NHG1B
10	10NHG000B	100	100NHG1B
16	16NHG000B	125	125NHG1B
20	20NHG000B	160	160NHG1B
25	25NHG000B	200	200NHG1B
32	32NHG000B	224	224NHG1B
35	35NHG000B	250	250NHG1B
40	40NHG000B	315	315NHG1B
50	50NHG000B	355	355NHG1B
63	63NHG000B	<b>02 size</b>	
80	80NHG000B	35	35NHG02B
100	100NHG000B	40	40NHG02B
<b>00 size</b>		50	50NHG02B
50	50NHG00B	63	63NHG02B
63	63NHG00B	80	80NHG02B
80	80NHG00B	100	100NHG02B
100	100NHG00B	125	125NHG02B
125	125NHG00B	160	160NHG02B
160	160NHG00B	200	200NHG02B
<b>0 size</b>		224	224NHG02B
6	6NHG0B	250	250NHG02B
10	10NHG0B	<b>2 size</b>	
16	16NHG0B	250	250NHG2B
20	20NHG0B	300	300NHG2B
25	25NHG0B	315	315NHG2B
32	32NHG0B	355	355NHG2B
35	35NHG0B	400	400NHG2B
40	40NHG0B	425	425NHG2B
50	50NHG0B	450	450NHG2B
63	63NHG0B	500	500NHG2B
80	80NHG0B	<b>03 size</b>	
100	100NHG0B	250	250NHG03B
125	125NHG0B	315	315NHG03B
160	160NHG0B	355	355NHG03B
<b>01 size</b>		400	400NHG03B
6	6NHG01B	<b>3 size</b>	
10	10NHG01B	315	315NHG3B
16	16NHG01B	355	355NHG3B
20	20NHG01B	400	400NHG3B
25	25NHG01B	425	425NHG3B
32	32NHG01B	450	450NHG3B
35	35NHG01B	500	500NHG3B
40	40NHG01B	630	630NHG3B
50	50NHG01B	800	800NHG3B
63	63NHG01B	<b>4 size*</b>	
80	80NHG01B	500	500NHG4G
100	100NHG01B	630	630NHG4G
125	125NHG01B	800	800NHG4G
160	160NHG01B	1000	1000NHG4G
		1250	1250NHG4G

\* Size 4 is a single indicator fuse with slotted end blades.

## NHG B NH HRC fuses

690 Vac gG/gL dual indicator voltage conducting metal gripping lugs

Amps	Catalog no.
<b>000 size</b>	
2	2NHG000B-690
4	4NHG000B-690
6	6NHG000B-690
10	10NHG000B-690
16	16NHG000B-690
20	20NHG000B-690
25	25NHG000B-690
32	32NHG000B-690
35	35NHG000B-690
40	40NHG000B-690
50	50NHG000B-690
63	63NHG000B-690
<b>00 size</b>	
50	50NHG00B-690
63	63NHG00B-690
80	80NHG00B-690
100	100NHG00B-690
125	125NHG00B-690
160*	160NHG00B-690
<b>1 size</b>	
50	50NHG1B-690
63	63NHG1B-690
80	80NHG1B-690
100	100NHG1B-690
125	125NHG1B-690
160	160NHG1B-690
200	200NHG1B-690
224	224NHG1B-690
250	250NHG1B-690

Amps	Catalog no.
<b>2 size</b>	
200	200NHG2B-690
224	224NHG2B-690
250	250NHG2B-690
315	315NHG2B-690
<b>3 size</b>	
250	250NHG3B-690
315	315NHG3B-690
355	355NHG3B-690
400	400NHG3B-690
425	425NHG3B-690
500	500NHG3B-690
<b>4 size**</b>	
630	630NHG4B-690
800	800NHG4B-690

\* 160 amps rated at 660 Vac.

\*\*Size 4 is a single indicator fuse with slotted end blades.

## JKS-700 fast-acting fuses

The JKS-700 is a fast-acting, current-limiting fuse that is UL Recognized and has CSA Component Acceptance for applications up to 700 Vac. The JKS-700 is available in ratings up to 60 amps with the same dimensions as a standard Class J fuses; but its voltage rating places it outside the standard Class J fuse class.



Bussmann recommends the JM70100 modular fuse block and the JM70100-MW power distribution fuse block for the 30 amp case size JKS-700 fuses. See page 8-18 for details.

### Ratings

- Volts 700 Vac (or less)
- Amps 25-60 A
- IR
  - Minimum 6I<sub>n</sub>
  - 200 kA RMS Sym.

### Operating class aR

### Agency information

- UL Recognized, 248-13 Semiconductor Fuses, File E56412
- CSA Component Acceptance, C22.2 No 248.13 Semiconductor Fuses, Class 1422-30

### Features

- Current limitation for non-inductive circuits provides current-limiting response to maximum ground fault and short-circuit conditions
- 200 kA interrupting rating provides protection at all circuit locations
- Economical circuit protection for high-fault current circuits

### Typical applications

- Power panelboards up to 700 Vac
- Machinery disconnects up to 700 Vac

Catalog no. (amps)			
JKS-25-700	JKS-30-700	JKS-35-700	JKS-60-700

## SD\_ and TD\_ NH fuse blocks

NH fuse bases feature thermoplastic bodies, and DIN-Rail and screw mounting (size 4 is screw fix). They are available with a range of protection accessories for live parts for IP20 protection.

### Ratings

- Volts
  - 690 Vac
  - 1000 Vac (SD1-D only)
- Amps up to 1250 A
- NH fuse sizes 000 to 4

### Agency information

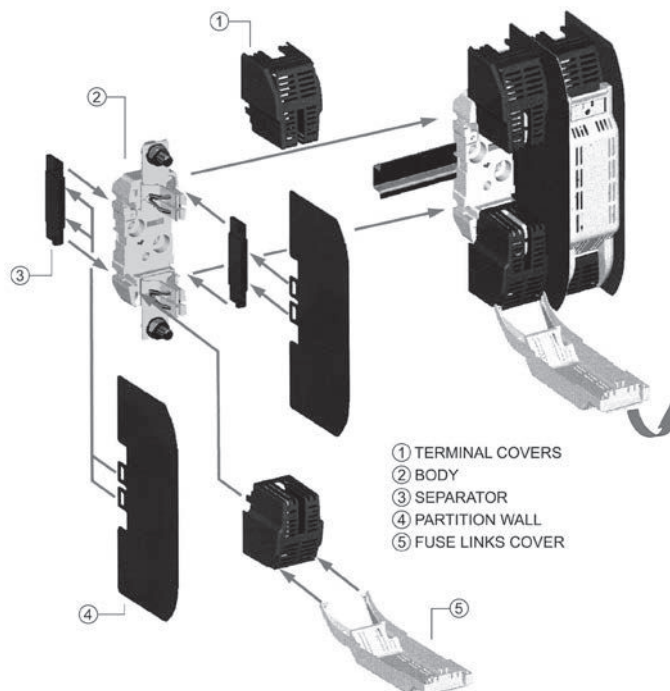
- IEC 60269-1 and 2
- VDE 0636-1 and 2

### Typical applications

- Protecting industrial circuits and electrical apparatus



## Shroud kits



### Catalog no.

Fuse size	Poles	Amps	Catalog no.	Carton qty.	Accepts fuse sizes
DIN-Rail or screw mount					
00	1	160	SD00-D	3	000 and 00
	3		TD00-D	1	
1	1	250	SD1-D	3	01 and 1
	3		TD1-D	1	
2	1	400	SD2-D	3	02 and 2
	3		TD2-D	1	
3	1	630	SD3-D	3	03 and 3
	3		TD3-D	1	
Screw mount only					
4	1	1250	SD4-S	3	4

### Neutrals

NH size	Amps	Catalog no.	Carton qty.
1	250	SDL-1	3
2	400	SDL-2	3
3	630	SDL-3	3



### Fuse extraction handle

Size	Catalog no.	Carton qty.
C00-3	FEH	1



### Catalog no. Fits fuse block

TD00-IP20	TD00-D
TD1-IP20	TD1-D
TD2-IP20	TD2-D
TD3-IP20	TD3-D
SD00-SK	SD00-D
SD12-SK	SD1 and SD2
SD3-SK	SD3

### Phase barrier kits

### Catalog no. Fits fuse block

SD00-PB	SD00-D
SD12-PB*	SD1 and SD2
SD3-PB*	SD3

\* Kits include 2 phase barriers and 2 ganging links.