

# Fuses for Semiconductor Protection

Knife Blade Contact – German Standard



SIBA ultra-rapid knife blade contact fuses-type NH are available in many different sizes and four voltage ratings. They follow DIN/VDE - IEC standard and can be fitted in open fuse bases. Usage in fuse-bases or switches requires the comparison of the power loss of the fuse with the power acceptance of the base or switch.

All SIBA type NH-fuses are available with either integral blown fuse-indicator or a separately fitted trip indicator fuse for microswitch operation.

Classes: aR/gR

Sizes: 000 / 00 / 0 / 1 / 2 and 3

Voltage ratings: AC 500 V - 2000 V

Current ratings: 16 A up to 800 A

## Features / Benefits

- ▶ High interrupting rating up to 120 kA
- ▶ Voltage rating AC 500 V - AC 2000 V
- ▶ Compliance with DIN 43620 and DIN 43653 standards
- ▶ Fuses with blown fuse combination indicator
- ▶ Class aR according to IEC 60269-4 and DIN VDE 0636-40 and Class gR according to DIN VDE 0636-40
- ▶ Fuse-bases / switches and accessories are available



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**Selection Guide**

Size	Rated Voltage [V]	Indicator Type	Part No.	Selector Guide [Page]	Techn. Data [Page]
000	500	combi indicator	20 000 04	URM 4	URM 18
00	500	combi indicator	20 001 04	URM 4	URM 18
0	500	combi indicator	20 002 04	URM 5	URM 19
1	500	combi indicator	20 003 04	URM 6	URM 20
2	500	combi indicator	20 004 04	URM 7	URM 21
3	500	combi indicator	20 005 04	URM 8	URM 22
000	690	combi indicator	20 477 20	URM 9	URM 23
00	690	combi indicator	20 209 20	URM 9	URM 23
1	690	combi indicator	20 211 20	URM 10	URM 24
2	690	combi indicator	20 212 20	URM 10	URM 25
3	690	combi indicator	20 213 20	URM 11	URM 26
00	500	signal indicator	20 007 04	URM 12	URM 18
1	500	signal indicator	20 009 04	URM 12	URM 20
2	500	signal indicator	20 010 04	URM 13	URM 21
3	500	signal indicator	20 011 04	URM 13	URM 22
0	1 000	combi indicator	20 384 04	URM 14	URM 27
3	660	combi indicator	20 373 04	URM 15	URM 28
3	1 000	top indicator	20 407 04	URM 16	URM 29
3	2 000	top indicator	20 404 04	URM 17	URM 30



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**Fuse-Base**

Size	Rated Voltage [V]	Part No.	With Integral External Micro Switch	Techn. Data [Page]
00	500/690	21 001 01	-	URM 31
00	500/690	21 001 03	-	URM 32
1	500/690	21 003 01	-	URM 32
2	500/690	21 004 01	-	URM 32
3	500/690	21 005 01	-	URM 32
1	500/690	21 003 03	-	URM 34
2	500/690	21 004 03	-	URM 34
00	500	21 007 01	yes	URM 35
1	500	21 009 01	yes	URM 35
2	500	21 010 01	yes	URM 35
3	500	21 011 01	yes	URM 35
0	1000	21 384 01		URM 35

**Micro Switch**      Rated Voltage  
**AC 250 V / DC 30 / 24 V**

Size	Rated Voltage [V]	Part No.	Breaking Capacity non Inductive Load [A]	Breaking Capacity Inductive Load (L/R = 10 ms) [A]
00 - 3	250	28 002 02 (Red hammer)	5	3

