

Knife Blade Contacts - German Standard







SIBA Ultra-Rapid NH knife blade contact fuse type are available in various sizes and four voltage ratings. They follow DIN/VDE-IEC standard and can be fitted in an open fuse bases.

Usage in the fuse bases requires comparison the power loss of the fuse and the power acceptance of the fuse base or switch.

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


Class:	gR/aR
Voltage Ratings:	500V _{AC} , 690V _{AC} , 1000V _{AC} and 2000V _{AC}
Sizes:	000, 00, 0, 1, 2 and 3
Current Ratings:	16A - 800A
Standards:	DIN 43620 DIN 43653

Features and Benefits

-  High current interrupt ratings up to 120kA
-  Class gR to DIN VDE 0636-40
-  Class aR to IEC 60269-4 and DIN VDE 0636-40
-  Fuse bases, fuse switches, microswitches and other accessories are available

URM

Fuses for Semiconductor Protection - German Standard

Article	Description	Selection Guide	Technical Data
NH000/00, NH0, NH1, NH2, & NH3			
500V _{AC}			
2000004	NH000 knife blade contacts	With fitting for microswitch	356 356 - 357
2000104	NH00 knife blade contacts	With fitting for microswitch	
2000704	NH00 knife blade contacts	With integrated striker	
2000204	NH0 knife blade contacts	With fitting for microswitch	358 358 - 359
2000304	NH1 knife blade contacts	With fitting for microswitch	360 360 - 361
2000904	NH1 knife blade contacts	With integrated striker	
2000404	NH2 knife blade contacts	With fitting for microswitch	362 362 - 363
2001004	NH2 knife blade contacts	With integrated striker	
2000504	NH3 knife blade contacts	With fitting for microswitch	364 364 - 365
2001104	NH3 knife blade contacts	With integrated striker	
690V _{AC}			
2047720	NH000 knife blade contacts	With fitting for microswitch	366 366 - 367
2020920	NH00 knife blade contacts	With fitting for microswitch	
2021120	NH1 knife blade contacts	With fitting for microswitch	368 368 - 369
2021220	NH2 knife blade contacts	With fitting for microswitch	370 370 - 371
2021320	NH3 knife blade contacts	With fitting for microswitch	372 372 - 373
1000V _{AC}			
2038404	NH0 knife blade contacts	With fitting for microswitch	374 374 - 375
660V _{AC}			
2037304	NH3 bolted blade contacts 80mm	With fitting for microswitch	376 376 - 377
1000V _{AC}			
2040704	NH3 bolted blade contacts 127mm	With fitting for microswitch	378 378 - 379
2000V _{AC}			
2040404	NH3 bolted blade contacts 208mm	With fitting for microswitch	380 380 - 381
Fuse Bases			
2100101	NH000/00, 1-Pole		382
2100103	NH000/00, 3-Pole		
2500101	External wall for 21 001 01 & 03		
2500103.2	Partition wall for 21 001 01		
2100204	NH0, 1-Pole		383
2100301	NH1, 1-Pole		384
2100303	NH1, 3-Pole		
2500301	External wall for 21 003 01 & 03		
2100303.30	Partition wall for 21 003 01		
2100301.26	Insulating Contact Cover		
2100401	NH2, 1-Pole		385
2100403	NH2, 1-Pole		
2500401	External wall for 21 004 01 & 03		
2100401.26	Insulating Contact Cover		
2100501	NH3, 1-Pole		386
2500501	External wall for 21 005 01		
2100501.26	Insulating Contact Cover		
2132301	DIN 110mm 1-Pole, 630A	 E186970	387
2132302	DIN 110mm 1-Pole, 1250A		



URM

**Accessories
Microswitches**

28 00201	GL microswitch, standard level		387
28 00203	GL microswitch, low level		
28 00202	GL microswitch, standard level		
28 00204	GL microswitch, low level		



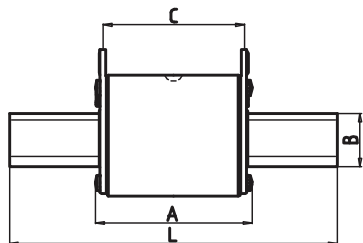
URM

URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40	Standard(s)
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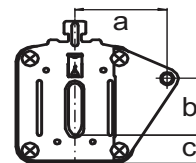
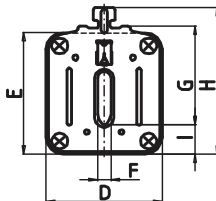
NH000 / 00

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	With Integrated Signal Indicator Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 500V _{AC} [A ² s]
6	2000004.6	2000704.6	2.7	0.72	10
10	2000004.10	2000704.10	2.6	3	42
16	2000004.16	2000704.16	4.8	10	140
20	2000004.20	2000704.20	5.7	17	185
25	2000004.25	2000704.25	6.7	20	305
32	2000004.32	2000704.32	8.1	67	460
35	2000004.35	2000704.35	9	82	650
40	2000004.40	2000704.40	10	90	800
50	2000004.50	2000704.50	12	190	1 400
63	2000004.63	2000704.63	14	330	2 600
80	2000004.80	2000704.80	19	510	4 200
100	2000104.100	2000704.100	21	920	7 600
125	2000104.125	2000704.125	25	1 660	12 300
160	2000104.160	2000704.160	30	2 800	19 500
200	20001 04.200		36	4 800	33 500

Weight [kg / 1]	
0.11 / 0.15	0.19
Units per Package	
3	



2000004 / 2000104



2000704

Dimensions in / mm			
2000004	2000104		2000704
2.13 / 54	2.13 / 54	A _{max}	2.13 / 54
—	—	a	0.91 / 23
0.60 / 15	0.60 / 15	B	0.60 / 15
—	—	b	0.67 / 17
1.85 / 47	1.85 / 47	C	1.85 / 47
—	—	c	0.51 / 13
0.80 / 20.3	1.16 / 29.5	D	—
1.60 / 40.5	1.80 / 46	E	—
0.24 / 6	0.24 / 6	F	—
1.38 / 35	1.38 / 35	G	—
2.05 / 52	2.28 / 58	H	2.28 / 58
0.28 / 7	0.51 / 13	I	—
3.07 / 78	3.07 / 78	L	3.07 / 78

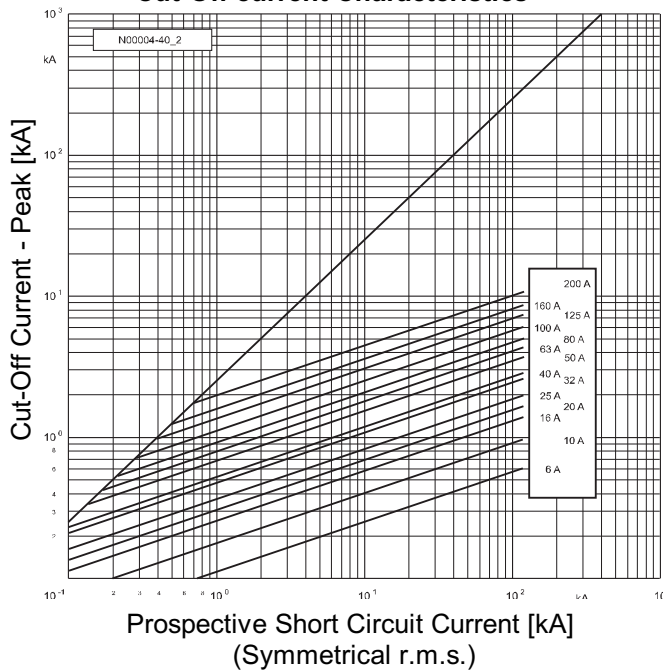
Accessories

Fuse Bases	Page	Microswitch (Red Hammer)	Page
2100101 Fuse Base, 1-Pole	382	2800202 Standard Level	387
2100103 Fuse Base, 3-Pole			

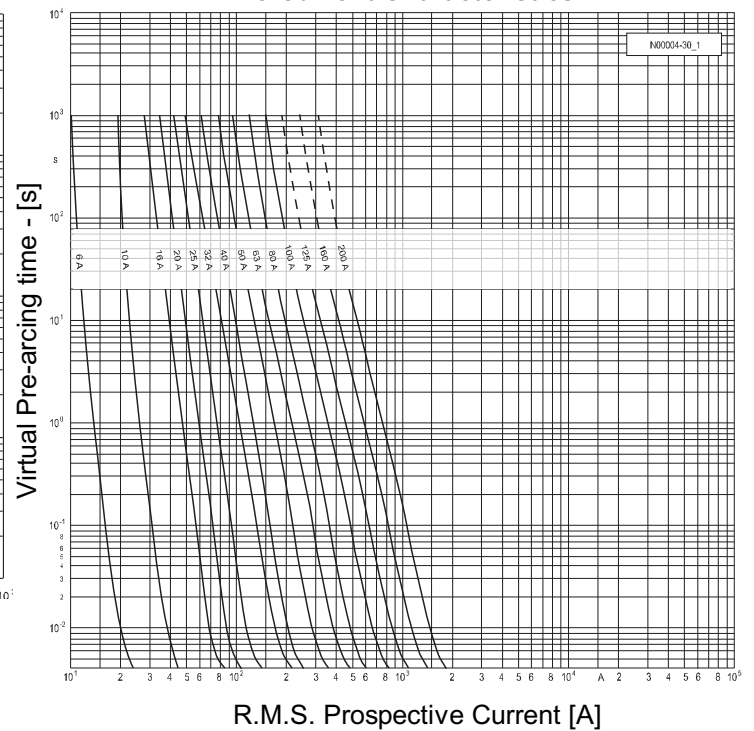
URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class gR≤100A aR≥125A	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH000 / 00				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

Cut-Off current Characteristics



Time-Current Characteristics

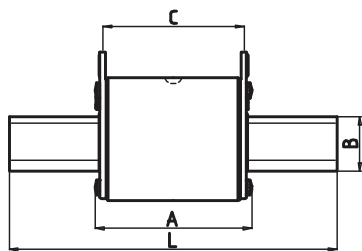


URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40
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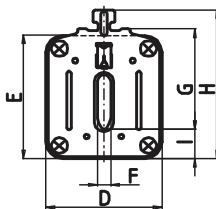
NH0

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 500V _{AC} [A ² s]
16	2000204.16	6.1	10	140
20	2000204.20	7.2	17	185
25	2000204.25	8.6	20	305
32	2000204.32	10	67	460
35	2000204.35	11	82	650
40	2000204.40	12	90	800
50	2000204.50	15	190	1 400
63	2000204.63	18	330	2 600
80	2000204.80	21	510	4 200
100	2000204.100	25	920	7 600
125	2000204.125	30	1 660	12 300
160	2000204.160	36	2 800	19 500

Weight [kg / 1]
0.24
Units per Package
3



2000204



	Dimensions in / mm
A _{max}	2.80 / 71.5
B	0.60 / 15
C	2.56 / 65
D	1.16 / 29.5
E	1.80 / 46
F	0.24 / 6
G	1.38 / 35
H	2.28 / 58
I	0.50 / 13
L	4.92 / 125

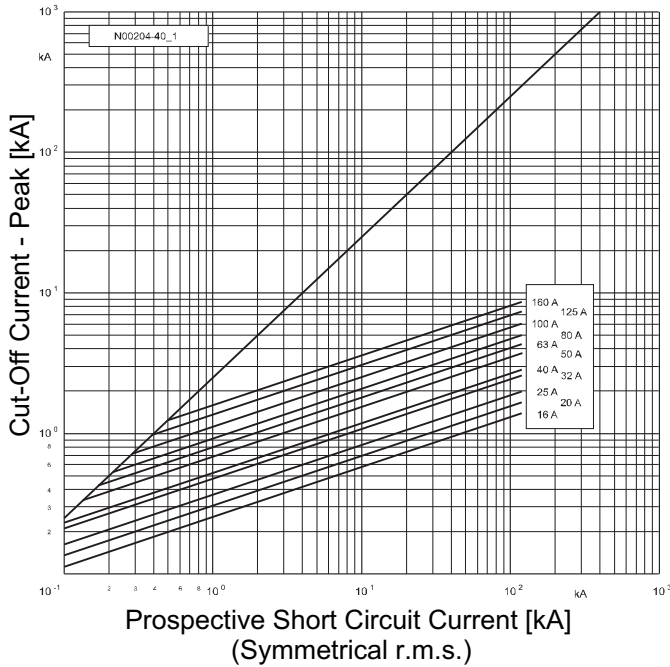
Accessories

Fuse Bases	Page	Microswitch	Page
2100204 Fuse Base, 1-Pole	383	2800204 Standard Level (Red Hammer)	387

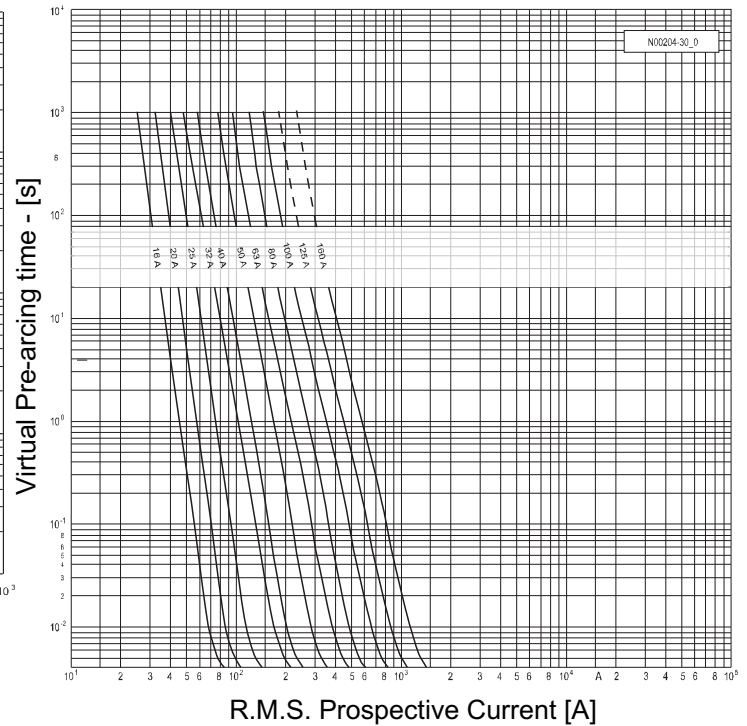
URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class gR≤100A aR≥125A	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH0				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

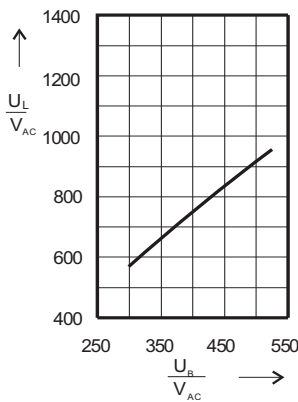
Cut-Off current Characteristics



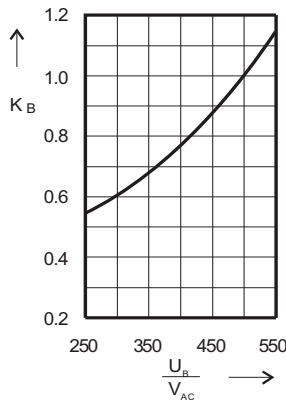
Time-Current Characteristics



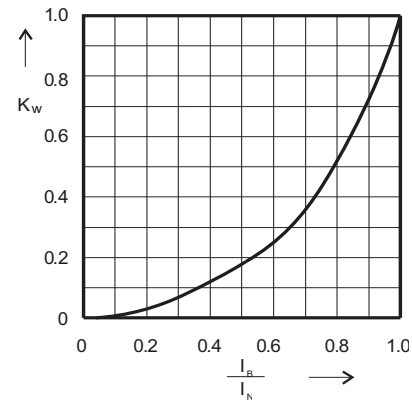
Arc voltage diagram



Reduction factor for I²t total

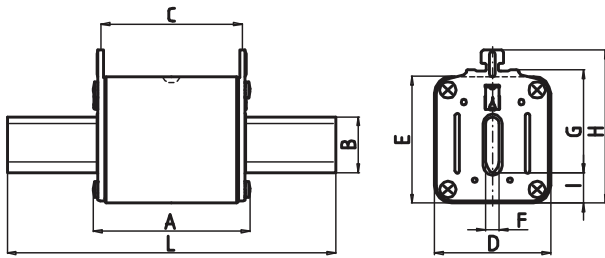


Reduction factor for power loss



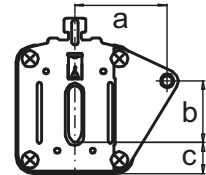
URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40
NH1			

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	With Integrated Signal Indicator Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 500V _{AC} [A ² s]
63	2000304.63	2000904.63	18	330	2 600
80	2000304.80	2000904.80	22	510	4 200
100	2000304.100	2000904.100	27	920	7 600
125	2000304.125	2000904.125	33	1 160	12 300
160	2000304.160	2000904.160	40	2 400	19 500
200	2000304.200	2000904.200	40	5 800	37 000
224	2000304.224	2000904.224	53	7 600	42 000
250	2000304.250	2000904.250	62	9 600	55 000
315	2000304.315	2000904.315	79	14 000	90 000
Weight [kg / 1]					
0.37	0.40				
Units per Package					
3					



2000304

Dimensions in / mm			
2000304 ≤160A	2000304 ≥200A		2000904
2.95 / 75	2.95 / 75	A _{max}	2.95 / 75
—	—	a	1.20 / 30.5
0.80 / 20.3	0.80 / 20.3	B	0.80 / 20.3
—	—	b	0.94 / 24
2.56 / 65	2.56 / 65	C	2.56 / 65
—	—	c	0.55 / 14
1.16 / 29.5	1.65 / 42	D	—
1.80 / 46	2.03 / 51.5	E	—
0.24 / 6	0.24 / 6	F	—
1.57 / 40	1.57 / 40	G	—
2.28 / 58	2.52 / 64	H	2.52 / 64
0.30 / 8	0.55 / 14	I	—
5.30 / 135	5.30 / 135	L	5.30 / 135



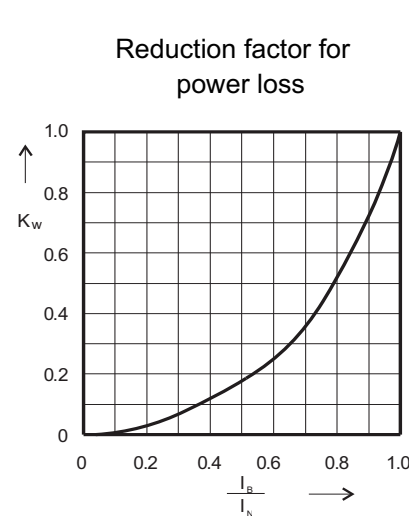
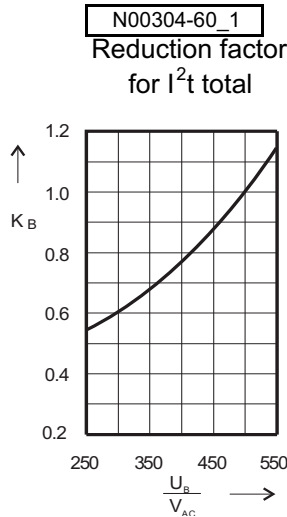
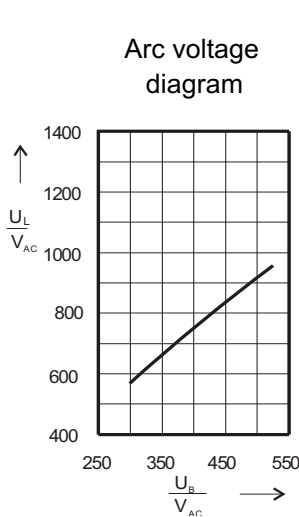
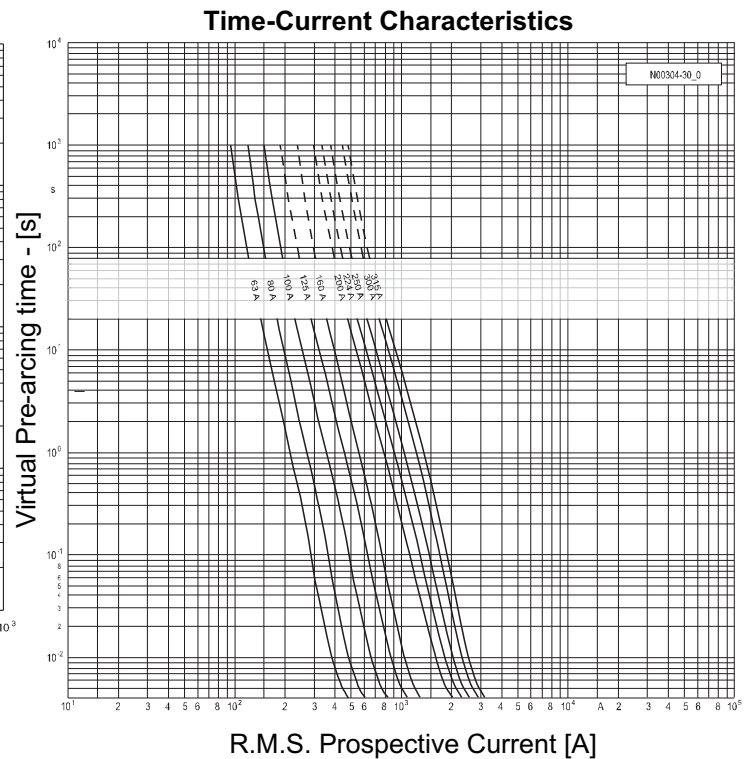
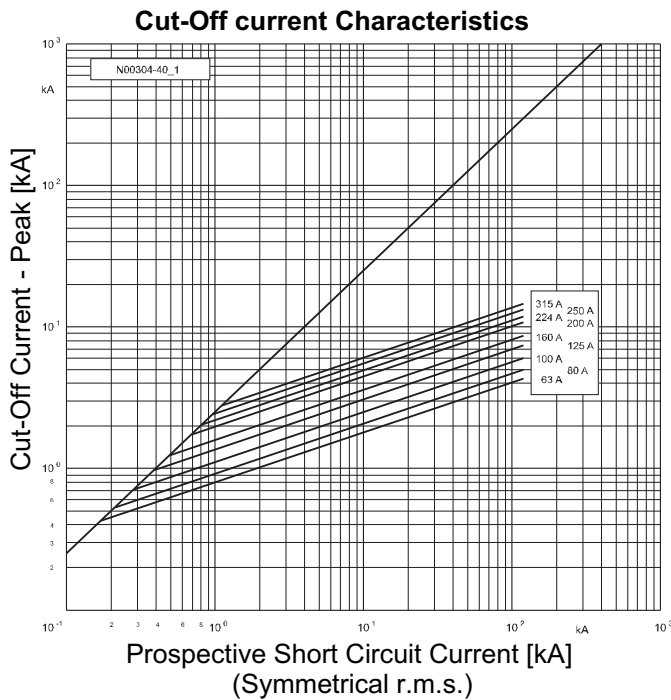
2000904

Accessories

Fuse Bases	Page	Microswitch	Page
2100301 Fuse Base, 1 - Pole	384	2800202 Standard Level (Red Hammer)	387
2100303 Fuse Base, 3 - Pole			

URM	Rated Voltage	Rated Breaking Test Capacity	Class	Standard(s)
	[Un] 500V _{AC}	120kA	gR≤100A aR≥125A	IEC 60 269-4 VDE 0636 Part 40
NH1				

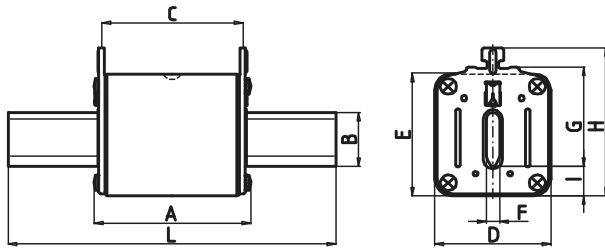
Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5



URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40	Standard(s)
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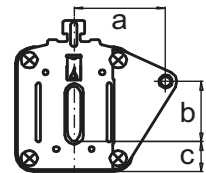
NH2

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	With Integrated Signal Indicator Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 500V _{AC} [A ² s]
100	2000404.100	2001004.100	23	920	7 600
125	2000404.125	2001004.125	29	1 660	12 300
160	2000404.160	2001004.160	40	2 800	19 500
200	2000404.200	2001004.200	40	5 800	37 000
224	2000404.224	2001004.224	44	7 600	39 000
250	2000404.250	2001004.250	51	9 600	51 000
315	2000404.315	2001004.315	69	14 000	84 000
355	2000404.355	2001004.355	81	20 000	125 000
400	2000404.400	2001004.400	94	27 000	155 000
Weight [kg / 1]					
0.37 / 0.65		0.70			
Units per Package					
3					



2000404

Dimensions in / mm			
2000404 ≤250A	2000404 ≥315A		2001004
2.95 / 75	2.95 / 75	A _{max}	2.95 / 75
—	—	a	1.65 / 42
0.80 / 20	1.02 / 26	B	1.02 / 26
—	—	b	1.10 / 28
2.56 / 65	2.56 / 65	C	2.56 / 65
—	—	c	0.55 / 14
1.65 / 42	2.10 / 53	D	—
2.03 / 51.5	2.32 / 59	E	—
0.24 / 6	0.24 / 6	F	—
1.90 / 48	1.90 / 48	G	—
2.83 / 72	2.83 / 72	H	2.83 / 72
0.55 / 14	0.55 / 14	I	—
5.90 / 150	5.90 / 150	L	5.90 / 150



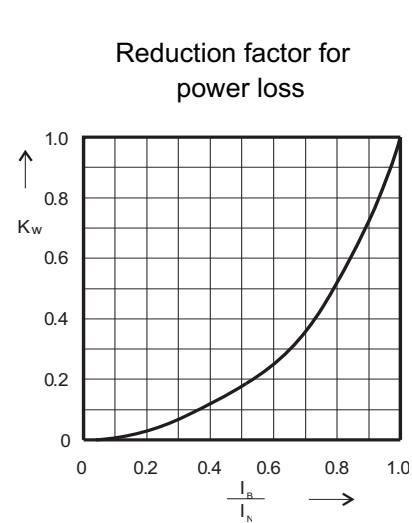
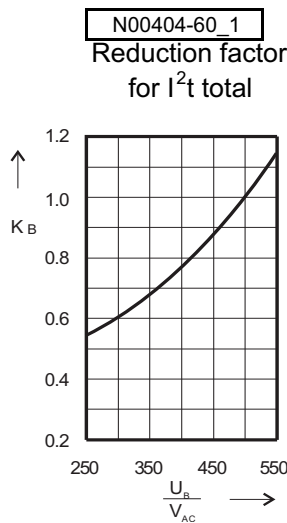
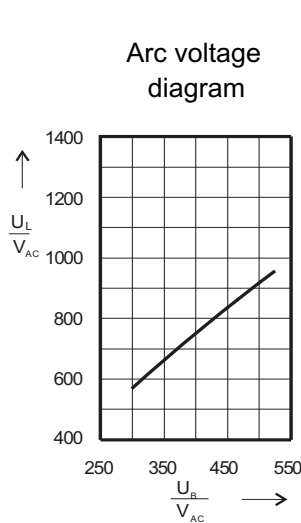
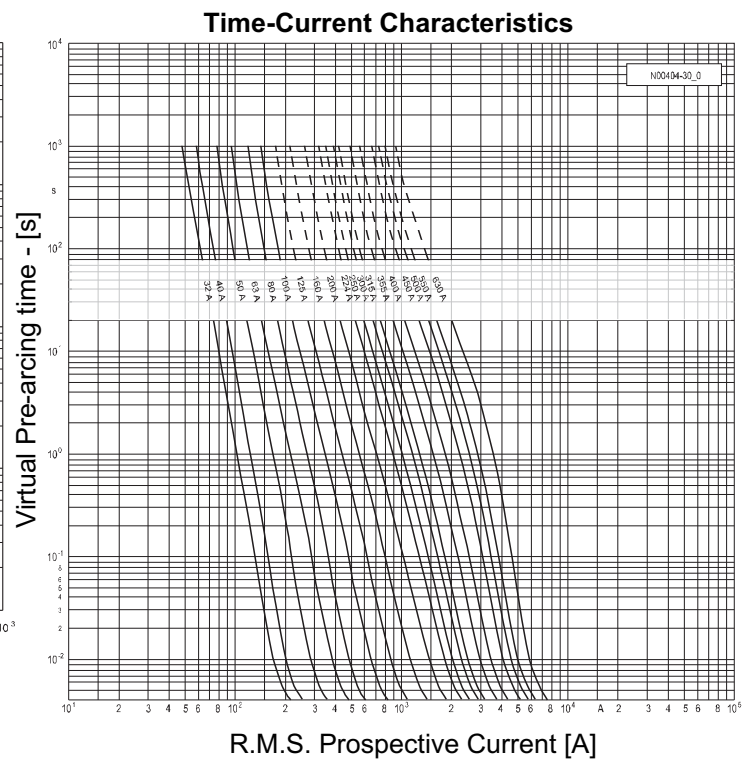
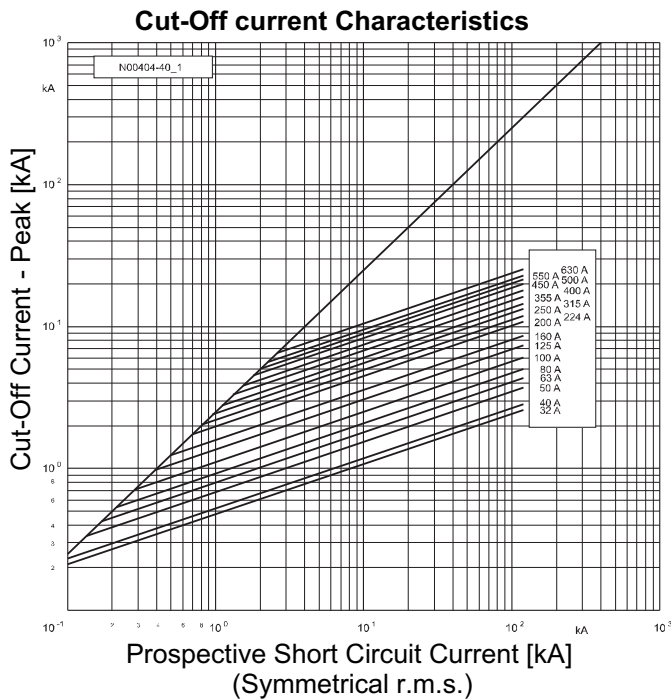
2001004

Accessories

Fuse Bases	Page	Microswitch	Page
2100401 Fuse Base, 1 - Pole	385	2800202 Standard Level (Red Hammer)	387
2100403 Fuse Base, 3 - Pole			

URM	Rated Voltage	Rated Breaking Test	Class	Standard(s)
	[Un] 500V _{AC}	Capacity 120kA	Voltage 500V _{AC}	gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40
NH2				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

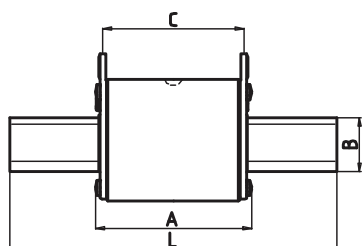


	Rated Voltage	Rated Breaking Test Capacity	Class	Standard(s)
	[Un] 500V _{AC}	120kA 500V _{AC}	aR	IEC 60 269-4 VDE 0636 Part 40

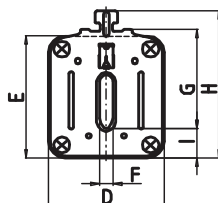
NH3

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	With Integrated Signal Indicator Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 500V _{AC} [A ² s]
160	2000504.160	2001104.160	48	2 800	19 500
200	2000504.200	2001104.200	56	5 800	37 000
224	2000504.224	2001104.224	61	7 600	39 000
250	2000504.250	2001104.250	65	9 600	51 000
315	2000504.315	2001104.315	76	14 000	84 000
355	2000504.355	2001104.355	83	20 000	125 000
400	2000504.400	2001104.400	85	27 000	155 000
450	2000504.450	2001104.450	90	38 000	219 000
500	2000504.500	2001104.500	98	47 000	271 000
550	2000504.550	2001104.550	110	57 000	328 000
630	2000504.630	2001104.630	122	80 000	470 000
700	2000504.700	2001104.700	135	106 000	560 000

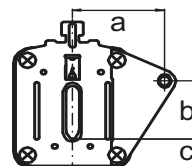
Weight [kg / 1]	
0.65 / 0.88	0.70
Units per Package	
3	



2000504



Dimensions in / mm			
2000504 ≤400A	2000504 ≥450A		2001104
2.95 / 75	2.95 / 75	A _{max}	2.95 / 75
—	—	a	1.73 / 44
1.02 / 26	1.26 / 32	B	1.02 / 26
—	—	b	1.52 / 38.5
2.56 / 65	2.56 / 65	C	2.56 / 65
—	—	c	0.67 / 17
2.10 / 53	2.56 / 65	D	—
2.32 / 59	2.90 / 73.5	E	—
0.24 / 6	0.24 / 6	F	—
2.36 / 60	2.36 / 60	G	—
3.27 / 83	3.40 / 86	H	3.40 / 86
0.55 / 14	0.67 / 17	I	—
5.90 / 150	5.90 / 150	L	5.90 / 150



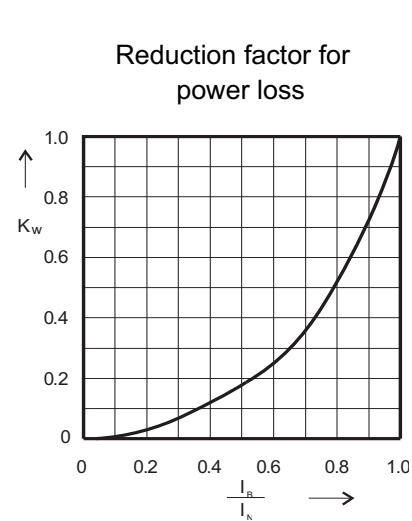
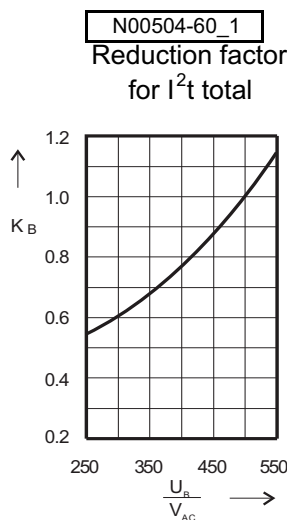
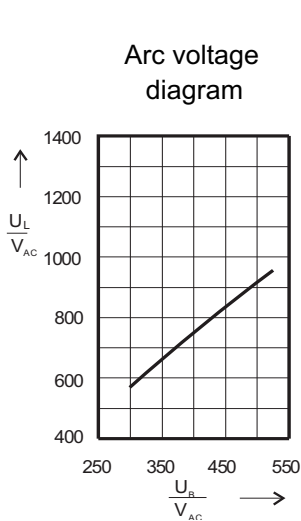
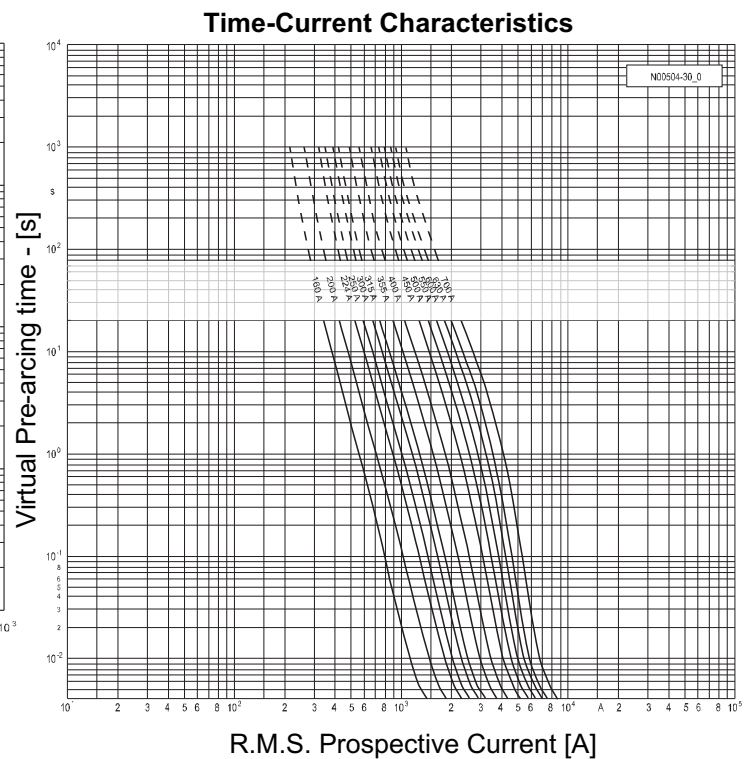
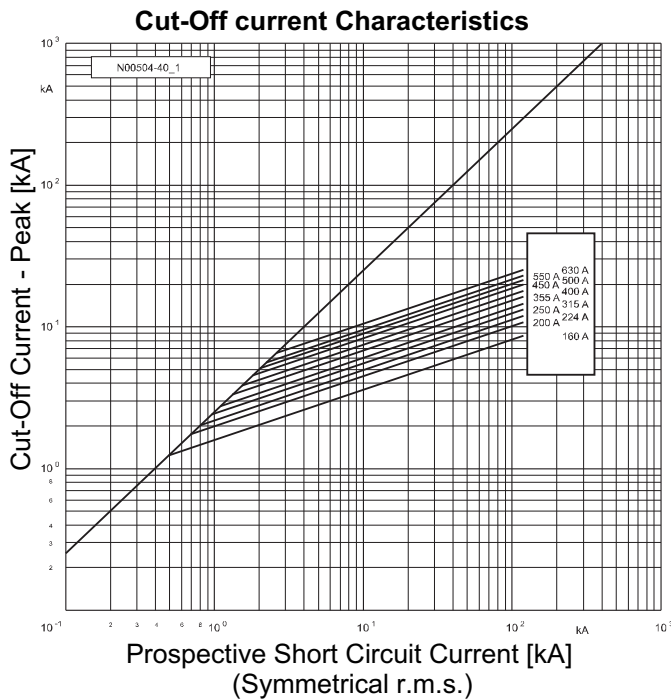
2001104

Accessories

Fuse Bases	Page	Microswitch	Page
2100501 Fuse Base, 1 - Pole	386	2800202 Standard Level (Red Hammer)	387

URM	Rated Voltage [Un] 500V _{AC}	Rated Breaking Test Capacity 120kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH3				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

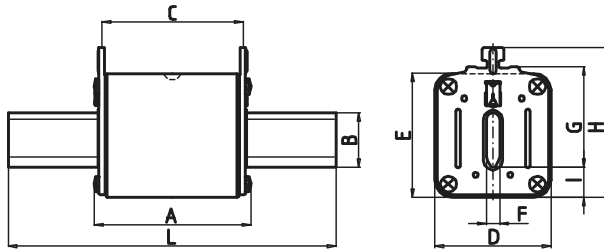


URM	Rated Voltage [Un] 690V _{AC}	Rated Breaking Test Capacity 100kA	Class gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40	Standard(s)
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NH000 / 00

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	w/Combi- Indicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 690V _{AC} [A ² s]
10	2047720.10		2.5	2.5	18
16	2047720.16		4.1	5.5	40
20	2047720.20		5.5	12	91
25	2047720.25		6.0	16	110
32	2047720.32		6.5	42	330
35	2047720.35		7.1	53	380
40	2047720.40		9.2	61	450
50	2047720.50		14	110	820
63		2020920.63	14	190	1 400
80		2020920.80	17	350	2 600
100		2020920.100	21	610	4 500
125		2020920.125	25	1 200	9 100
160		2000920.160	32	2 100	15 000

Weight [kg / 1]	
0.70	0.90
Units per Package	
3	



2047704 / 2020920

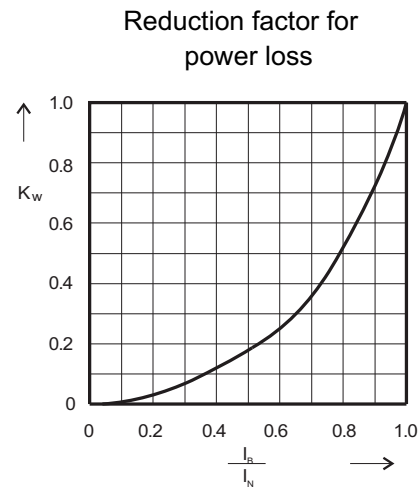
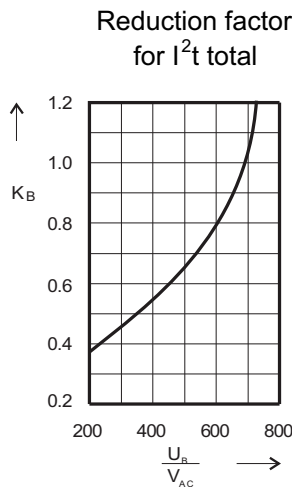
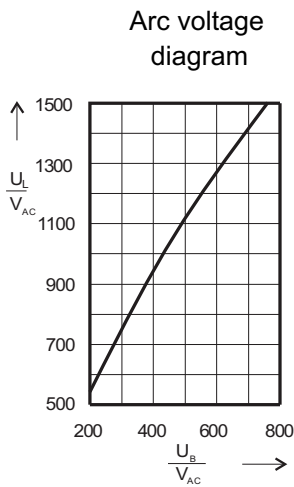
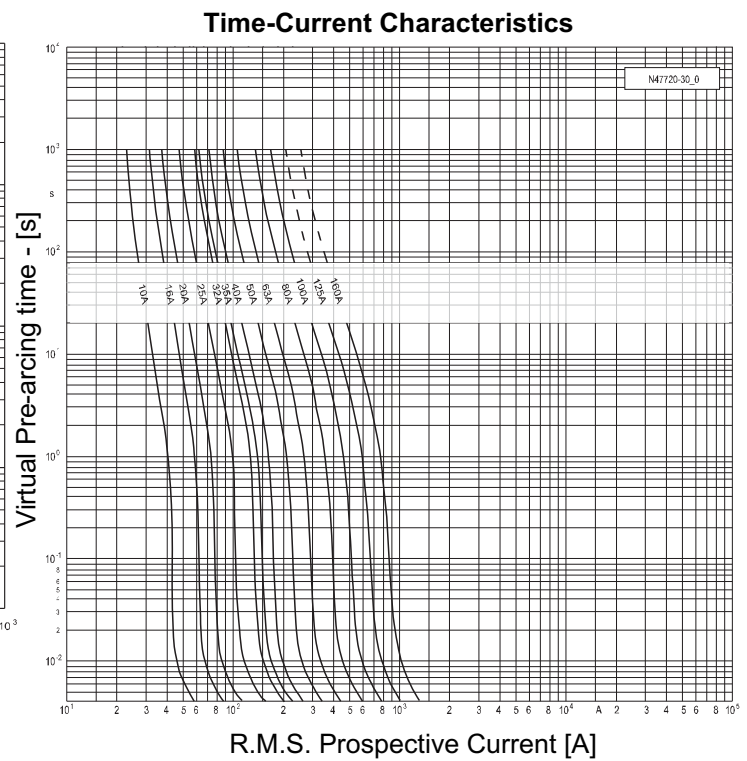
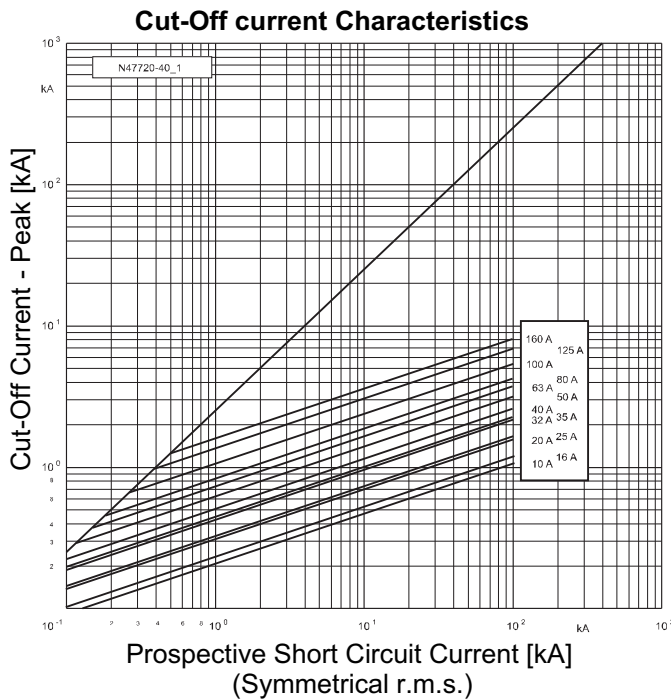
	Dimensions in / mm	
	2047720	2020920
A _{max}	2.13 / 54	2.13 / 54
B	0.60 / 15	0.60 / 15
C	1.85 / 47	1.85 / 47
D	0.80 / 20.3	1.16 / 29.5
E	1.60 / 40.5	1.80 / 46
F	0.24 / 6	0.24 / 6
G	1.38 / 35	1.38 / 35
H	2.05 / 52	2.28 / 58
I	0.28 / 7	0.50 / 13
L	3.07 / 78	3.07 / 78

Accessories

Fuse Bases	Page	Microswitch	Page
2100101 Fuse Base, 1 - Pole	382	2800202 Standard Level (Red Hammer)	387
2100103 Fuse Base, 3 - Pole			

URM	Rated Voltage	Rated Breaking Test	Class	Standard(s)
	[Un] 690V _{AC}	Capacity 100kA	Voltage 690V _{AC}	gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40
NH000 / 00				

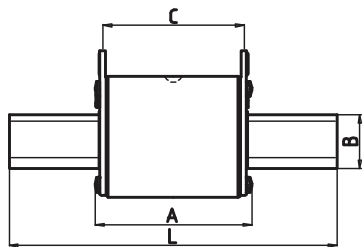
Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5



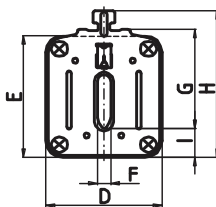
URM	Rated Voltage [Un] 690V _{AC}	Rated Breaking Test Capacity 100kA	Class	Standard(s) gR≤100A IEC 60 269-4 aR≥125A VDE 0636 Part 40
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NH1

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing i ² t [A ² s]	Total i ² t @ 690V _{AC} [A ² s]
40	2021120.40	8	80	570
50	2021120.50	11	140	1 000
63	2021120.63	14	250	1 800
80	2021120.80	20	470	3 400
100	2021120.100	24	650	4 700
125	2021120.125	31	1 050	7 600
160	2021120.160	42	1 900	14 000
200	2021120.200	52	2 800	21 000
250	2021120.250	71	5 000	36 000
315	2021120.315	88	11 000	76 000
Weight [kg / 1]				
0.37				
Units per Package				
3				



2001120



	Dimensions in / mm
A _{max}	2.95 / 75
B	0.80 / 20.3
C	2.56 / 65
D	1.65 / 42
E	2.03 / 51.5
F	0.24 / 6
G	1.57 / 40
H	2.52 / 64
I	0.55 / 14
L	5.30 / 135

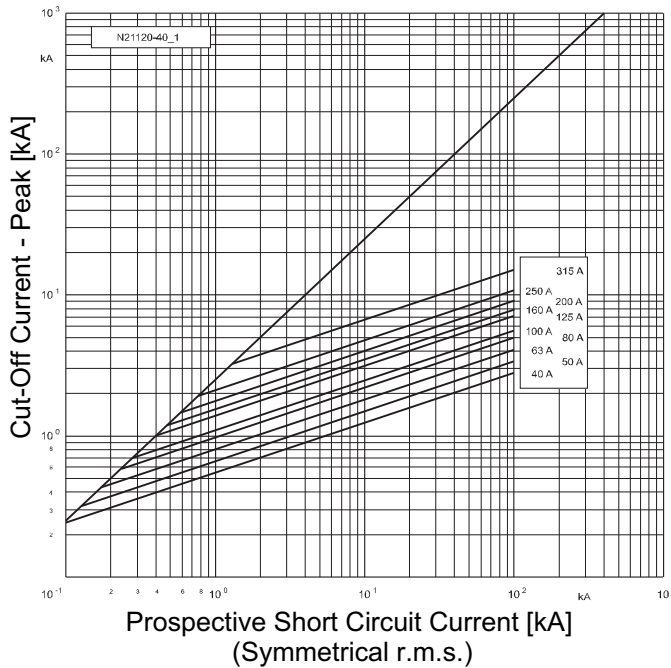
Accessories

Fuse Bases	Page	Microswitch	Page
2100301 Fuse Base, 1 - Pole	384	2800202 Standard Level (Red Hammer)	387
2100303 Fuse Base, 3 - Pole			

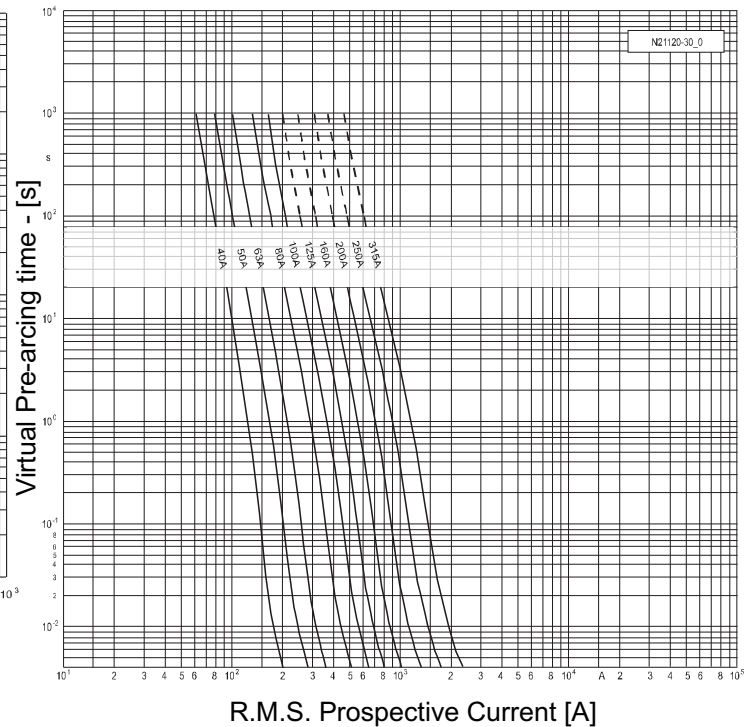
URM	Rated Voltage	Rated Breaking Test Capacity	Class	Standard(s)
	[Un] 690V _{AC}	100kA	gR≤100A aR≥125A	IEC 60 269-4 VDE 0636 Part 40
NH1				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

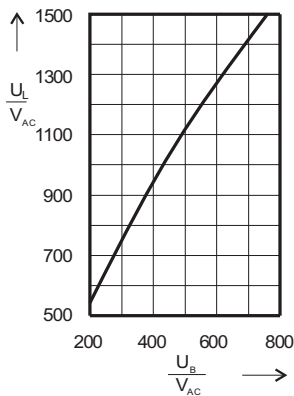
Cut-Off current Characteristics



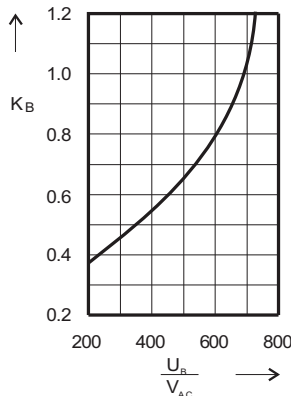
Time-Current Characteristics



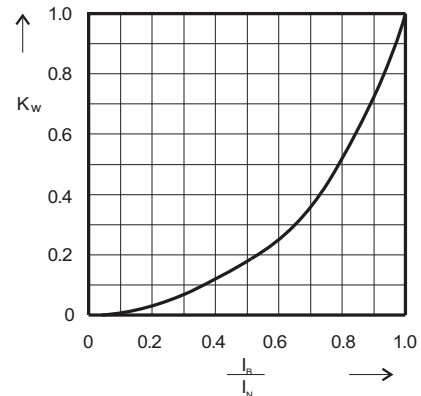
Arc voltage diagram



Reduction factor for I²t total



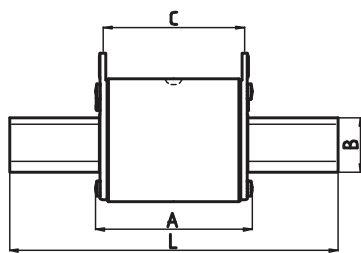
Reduction factor for power loss



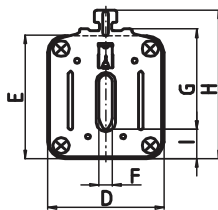
URM	Rated Voltage [Un] 690V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
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NH2

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	w/Combi- Indicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing I ² t [A ² s]	Total I ² t @ 690V _{AC} [A ² s]
160	2021220.160		42	1 900	14 000
200	2021220.200		52	2 800	21 000
250	2021220.250		71	5 000	36 000
315		2021220.315	79	11 000	76 000
350		2021220.350	85	14 000	100 000
400		2021220.400	95	20 000	145 000
450		2021220.450	100	30 000	220 000
Weight [kg / 1]					
	0.37	0.65			
Units per Package					
3					



2021220



	Dimensions in / mm	
	250A≤	≥315A
A _{max}	2.95 / 75	2.95 / 75
B	0.80 / 20	1.02 / 26
C	2.56 / 65	2.56 / 65
D	1.65 / 42	2.10 / 53
E	2.03 / 51.5	2.32 / 59
F	0.24 / 6	0.24 / 6
G	1.90 / 48	2.36 / 60
H	2.83 / 72	2.83 / 72
I	0.55 / 14	0.55 / 14
L	5.90 / 150	5.90 / 150

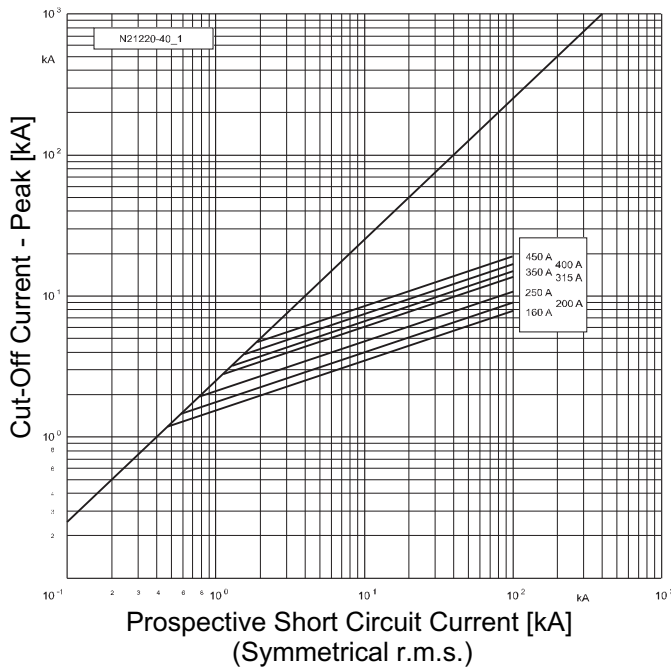
Accessories

Fuse Bases	Page	Microswitch	Page
2100401 Fuse Base, 1 - Pole	385	2800202 Standard Level (Red Hammer)	387
2100403 Fuse Base, 3 - Pole			

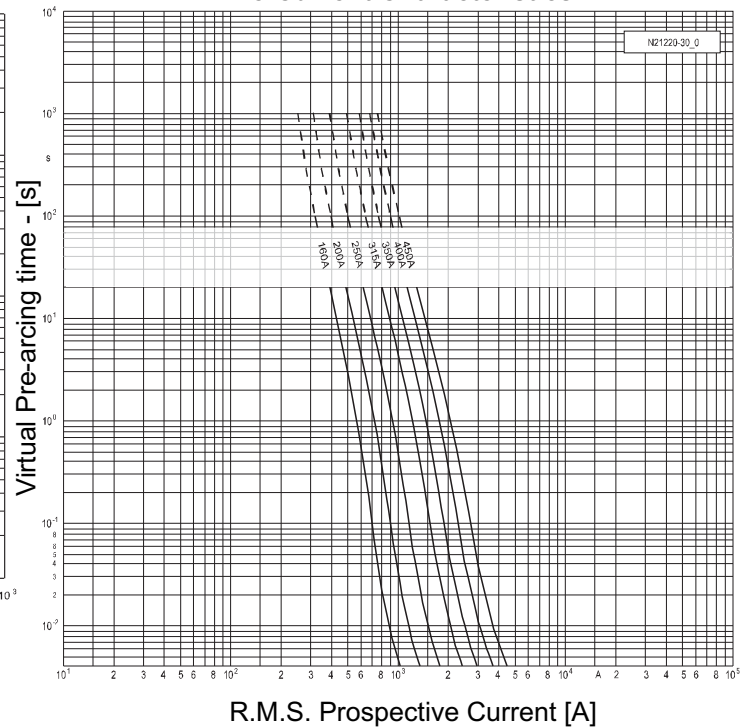
URM	Rated Voltage [Un] 690V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH2				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

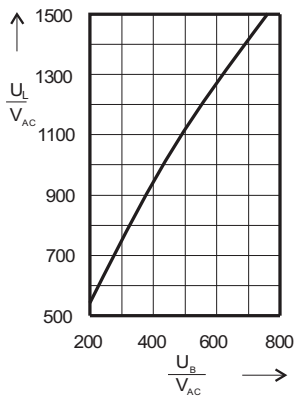
Cut-Off current Characteristics



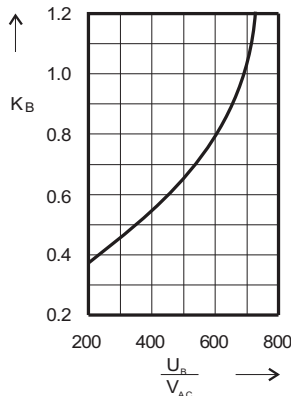
Time-Current Characteristics



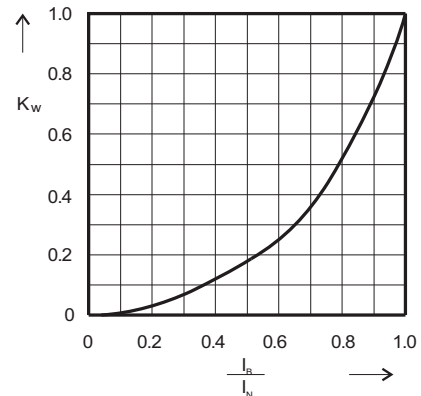
Arc voltage diagram



N21220-60_1
Reduction factor for I²t total



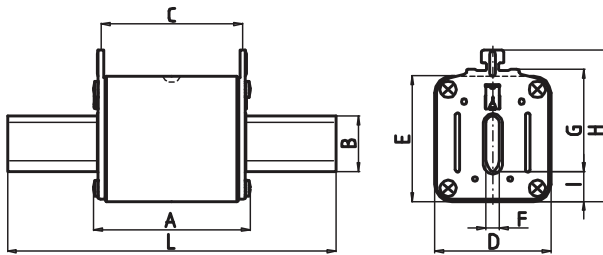
Reduction factor for power loss



URM	Rated Voltage [Un] 690V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
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NH3

Rated Current I_n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	w/Combi- Indicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing i^2t [A ² s]	Total i^2t @ 690V _{AC} [A ² s]
315	2021320.315		79	11 000	76 000
355	2021320.355		85	14 000	100 000
400	2021320.400		95	20 000	150 000
450		2021320.450	95	30 000	220 000
500		2021320.500	100	42 000	300 000
550		2021320.550	110	55 000	400 000
630		2021320.630	130	67 000	490 000
710		2021320.710	150	84 000	610 000
800		2021320.800	177	144 500	1 050 000
Weight [kg / 1]					
0.65			0.88		
Units per Package			3		



2021320

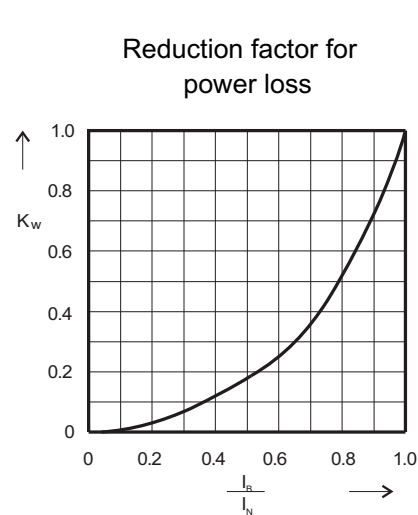
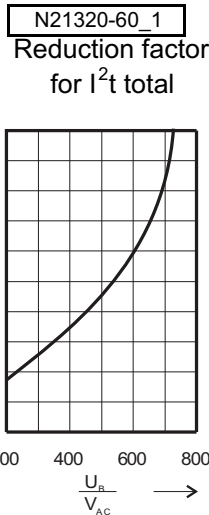
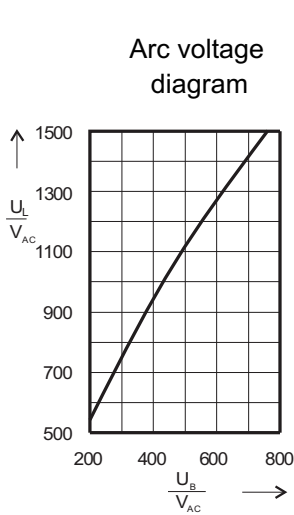
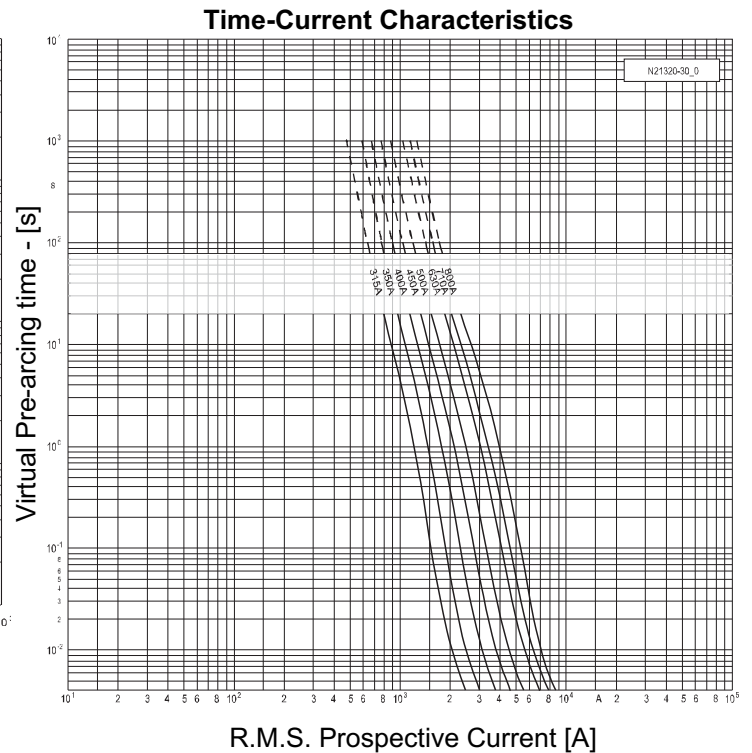
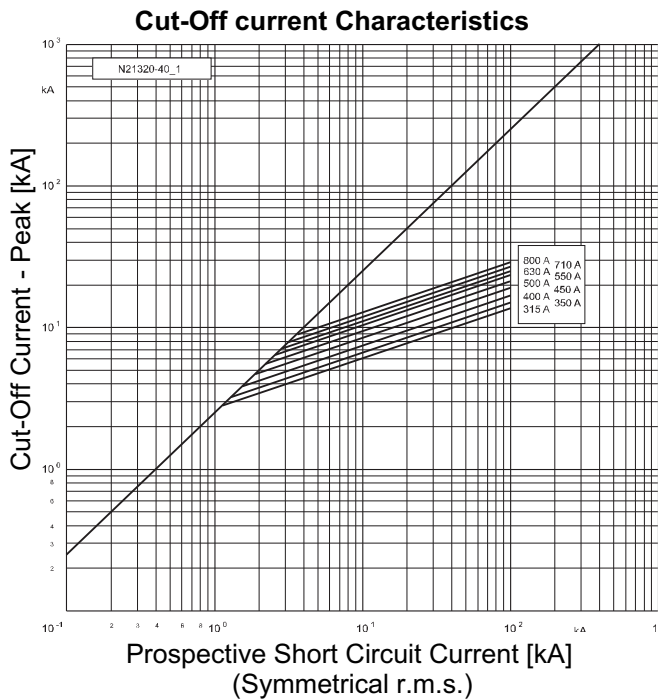
	Dimensions in / mm	
	≤400A	≥450A
A _{max}	2.95 / 75	2.95 / 75
B	1.02 / 26	1.26 / 32
C	2.56 / 65	2.56 / 65
D	2.10 / 53	2.56 / 65
E	2.32 / 59	2.90 / 73.5
F	0.24 / 6	0.24 / 6
G	2.36 / 60	2.36 / 60
H	3.27 / 83	3.40 / 86
I	0.55 / 14	0.67 / 17
L	5.90 / 150	5.90 / 150

Accessories

Fuse Bases	Page	Microswitch	Page
2100501 Fuse Base, 1 - Pole	386	2800202 Standard Level (Red Hammer)	387

URM	Rated Voltage [Un] 690V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH3				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

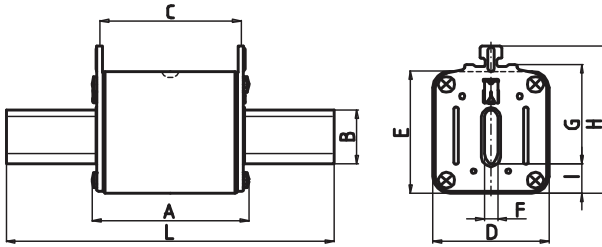


URM	Rated Voltage [Un] 1000V _{AC}	Rated Breaking Test Capacity 100kA	Class gR≤50A aR≥63A	Standard(s) IEC 60 269-4 VDE 0636 Part 40
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NH0

Rated Current I _n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number		Power Loss [W]	Pre-arcing I ² t [A ² s]	Total I ² t @ 1000V _{AC} [A ² s]
16	2038404.16	gR	6.8	10	50
20	2038404.20	gR	8	17	100
25	2038404.25	gR	9	29	180
32	2038404.32	gR	12	52	340
40	2038404.40	gR	14	120	600
50	2038404.50	gR	19	210	1 100
63	2038404.63	aR	21	320	1 700
80	2038404.80	aR	23	700	3 300
100	2038404.100	aR	27	1 100	6 500
125	2038404.125	aR	32	2 300	14 000
160	2038404.160	aR	42	4 500	20 000

Weight [kg/1]
0.24
Units per Package
6



2038404

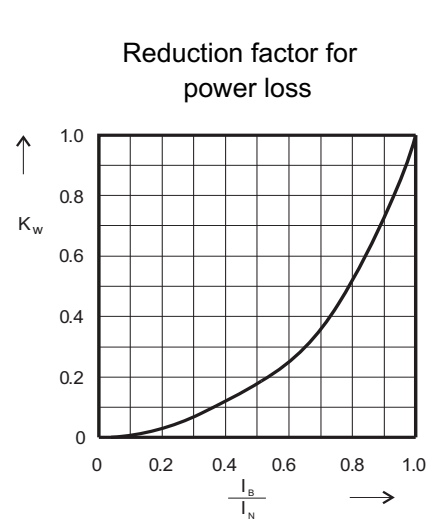
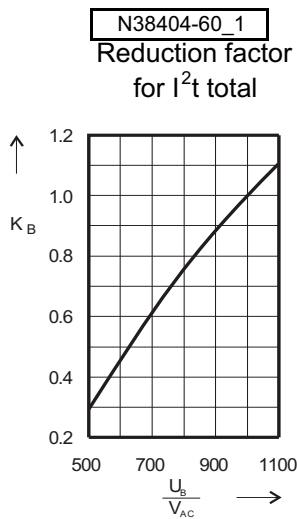
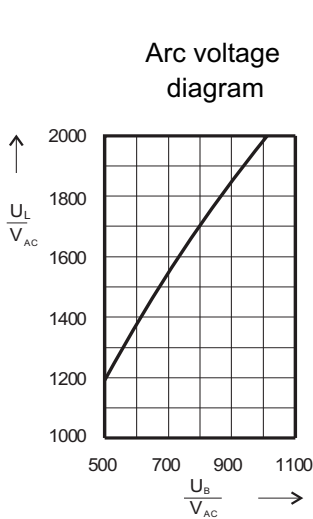
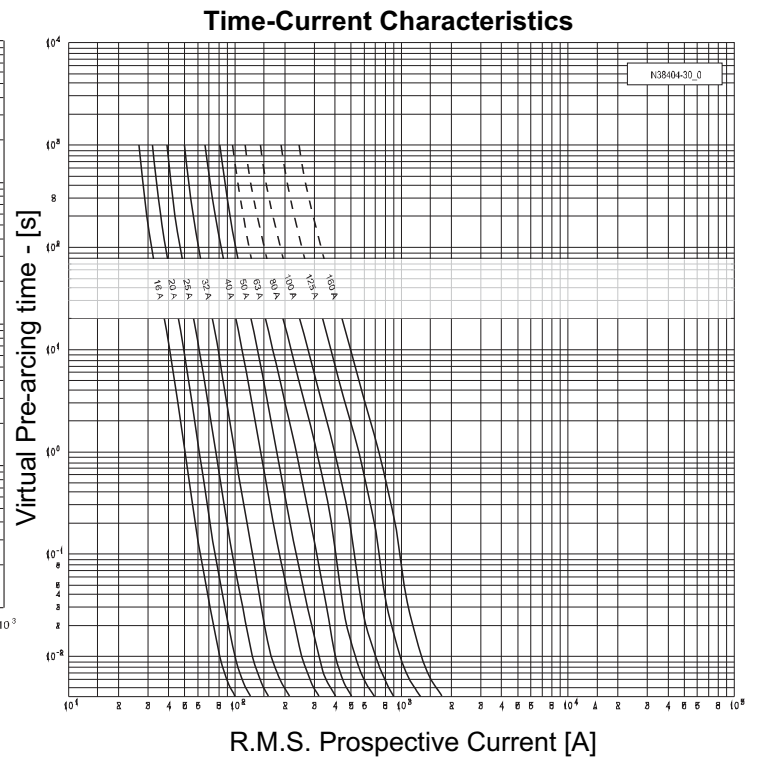
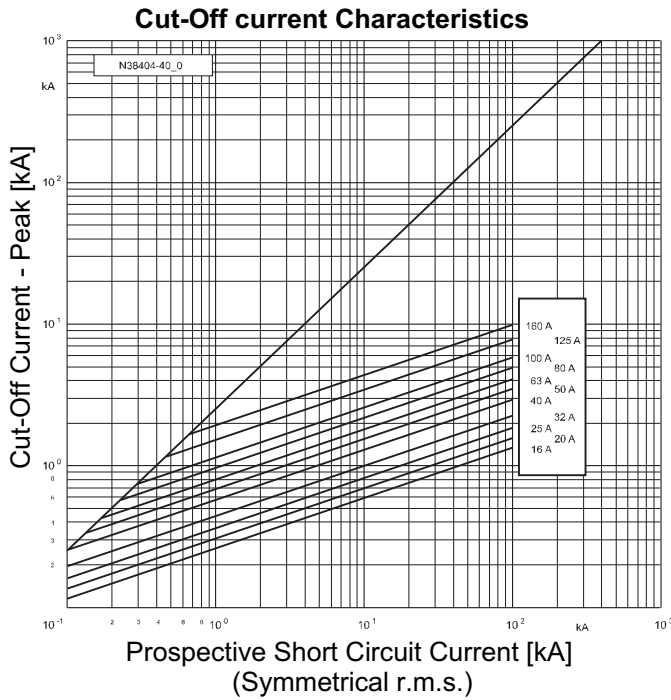
	Dimensions in / mm
A _{max}	2.80 / 71.5
B	0.60 / 15
C	2.56 / 65
D	1.16 / 29.5
E	1.80 / 46
F	0.24 / 6
G	1.38 / 35
H	2.28 / 58
I	0.50 / 13
L	4.92 / 125

Accessories

Fuse Bases		Page	Microswitch	Page	
2138401	Fuse Base, 1 - Pole	Contact	2800202	Standard Level (Red Hammer)	387
		SIBA			

URM	Rated Voltage [Un] 1000V _{AC}	Rated Breaking Test Capacity 100kA	Class gR≤50A aR≥63A	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH0				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.6	1.25	0.6	0.8	1.5

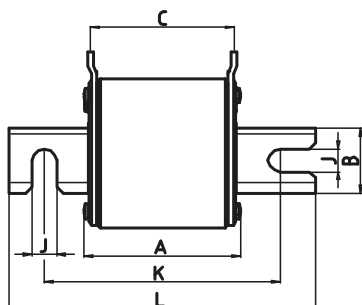


URM	Rated Voltage [Un] 660V _{AC}	Rated Breaking Test Capacity 120kA	Class gR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
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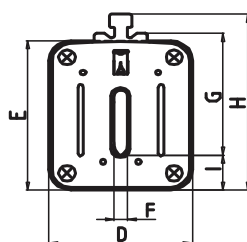
NH3

Rated Current I_n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing i^2t [A ² s]	Total i^2t @ 660V _{AC} [A ² s]
150	2037304.150	35	2 100	20 000
200	2037304.200	56	3 800	36 000
250	2037304.250	69	6 700	65 000
300	2037304.300	78	10 000	102 000
350	2037304.350	84	14 000	145 000
400	2037304.400	97	19 000	185 000
500	2037304.500	114	27 000	280 000

Weight [kg / 1]	0.83
Units per Package	6



2037304



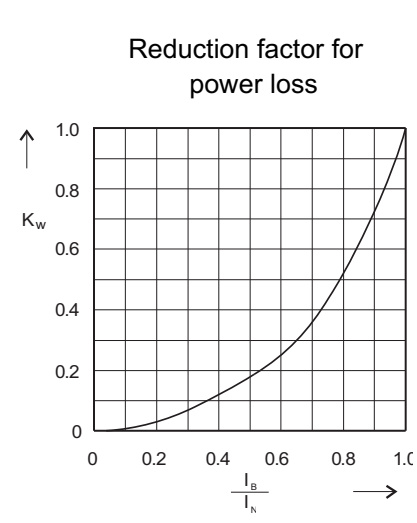
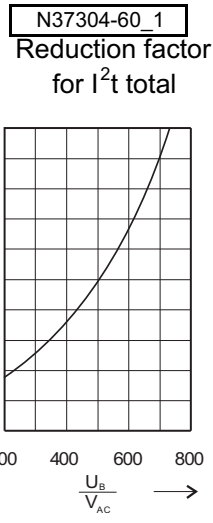
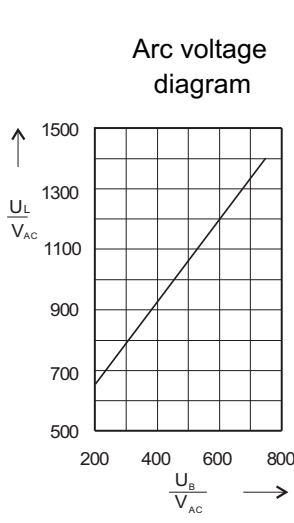
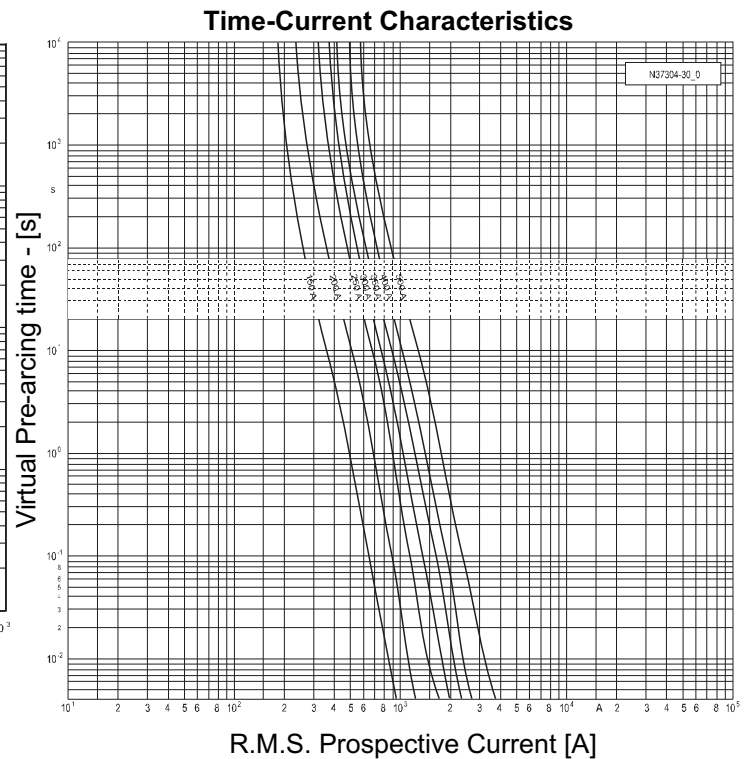
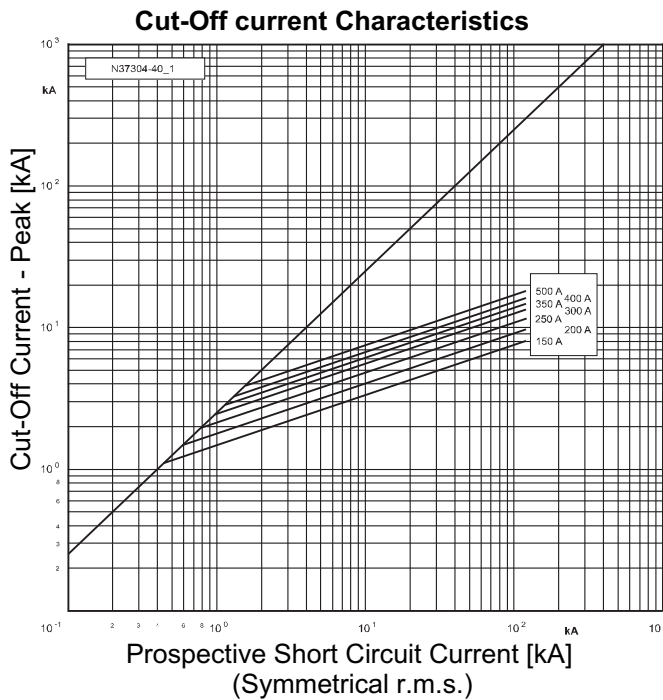
	Dimensions in / mm
A _{max}	2.95 / 75
B	1.26 / 32
C	2.56 / 65
D	2.56 / 65
E	2.90 / 73.5
F	0.24 / 6
G	2.36 / 60
H	3.40 / 86
I	0.67 / 17
J	0.43 / 11
K	4.20 / 107
L	5.47 / 139

Accessories

Fuse Bases		Page	Microswitch	Page	
2132301	Fuse Base, 1 - Pole	387	2800201	Standard Level (Black Hammer)	387

URM	Rated Voltage [Un] 660V _{AC}	Rated Breaking Test Capacity 120kA	Class gR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH3				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.55	1.25	0.6	0.8	1.5

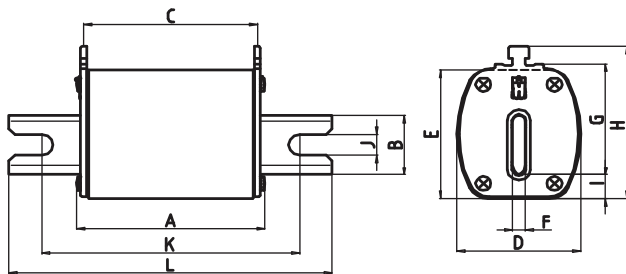


URM	Rated Voltage [Un] 1000V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
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NH3

Rated Current I_n [A]	w/CombiIndicator and Fitting for Microswitch Article Number	Power Loss [W]	Pre-arcing I^2t [A ² s]	Total I^2t @ 1000V _{AC} [A ² s]
100	2040704.100	28	2 100	5 800
125	2040704.125	34	2 900	8 900
160	2040704.160	36	4 100	12 800
200	2040704.200	41	5 600	18 000
224	2040704.224	45	6 700	21 500
250	2040704.250	49	10 000	31 000
315	2040704.315	73	34 000	97 000
355	2040704.355	77	51 000	152 000
400	2040704.400	79	60 000	180 000
450	2040704.450	82	74 000	220 000
500	2040704.500	87	125 000	370 000

Weight [kg / 1]
1.1
Units per Package
1



2040704

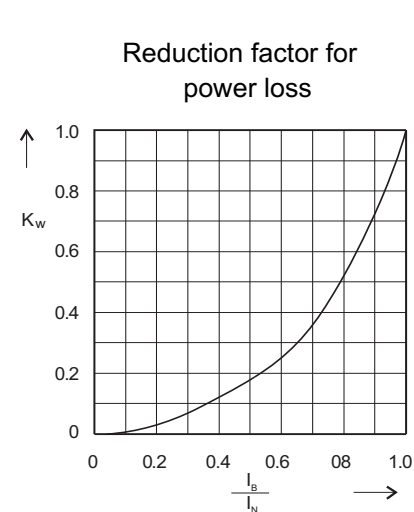
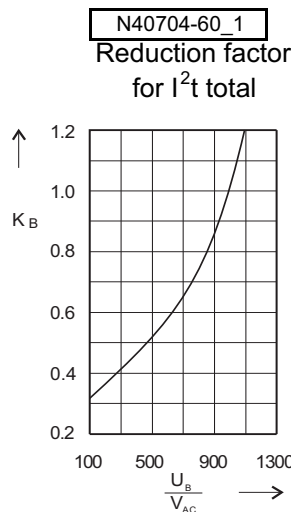
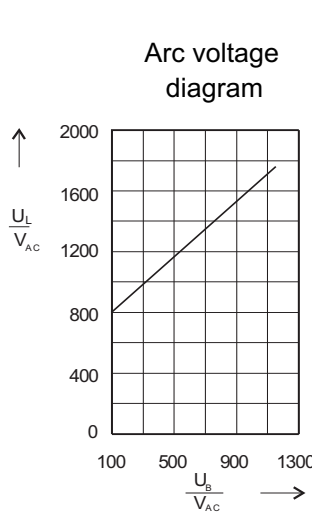
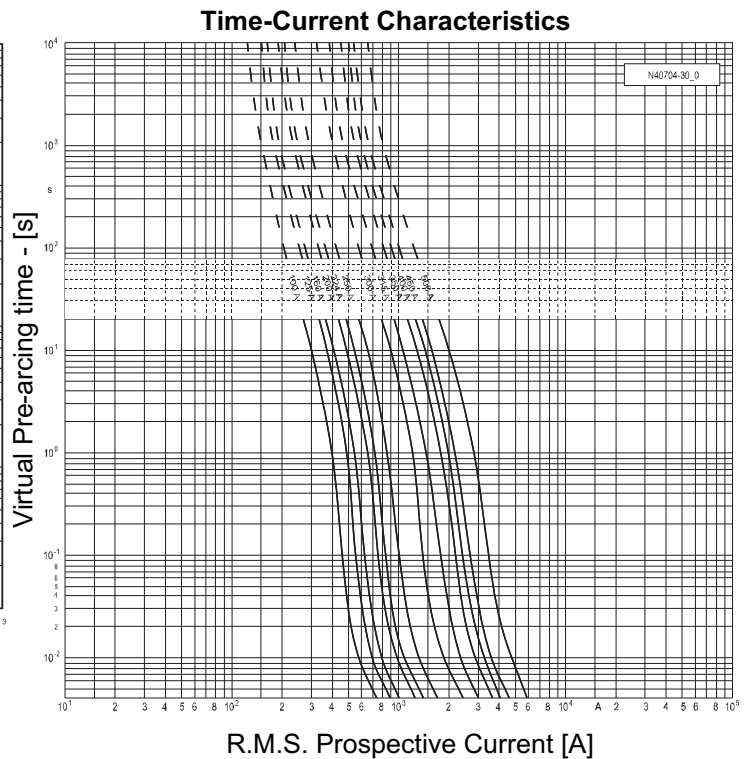
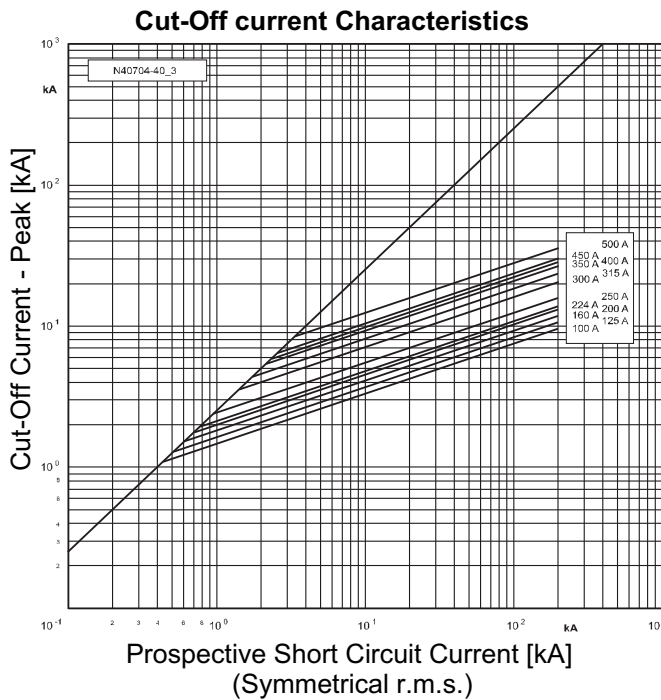
	Dimensions in / mm
A _{max}	3.74 / 95
B	1.26 / 32
C	3.35 / 85
D	2.40 / 61
E	2.72 / 69
F	0.24 / 6
G	2.36 / 60
H	3.20 / 81.5
I	0.50 / 13
J	0.43 / 11
K	5.00 / 127
L	6.30 / 160

Accessories

Fuse Bases	Page	Microswitch	Page
		2800202	387
		Standard Level (Red Hammer)	

URM	Rated Voltage [Un] 1000V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH3				

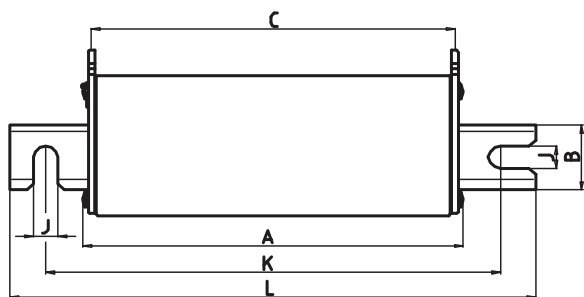
Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.55	1.25	0.6	0.8	1.5



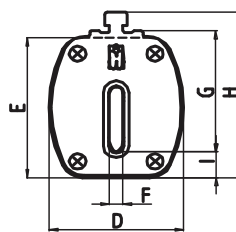
URM	Rated Voltage [Un] 2000V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
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NH3

Rated Current I_n [A]	w/Combi- Indicator and Fitting for Microswitch Article Number		Power Loss [W]	Pre-arcing i^2t [A ² s]	Total i^2t @ 2000V _{AC} [A ² s]
200	2040404.200		78	21 000	60 000
224	2040404.224		85	27 000	77 500
250	2040404.250		103	33 000	95 000
300	2040404.300		115	53 000	151 000
315	2040404.315		121	62 000	170 000
355	2040404.355		135	94 000	280 000
400	2040404.400		145	130 000	410 000
450	2040404.450		153	159 000	520 000
Weight [kg / 1]					
1.7					
Units per Package					
1					



2040404



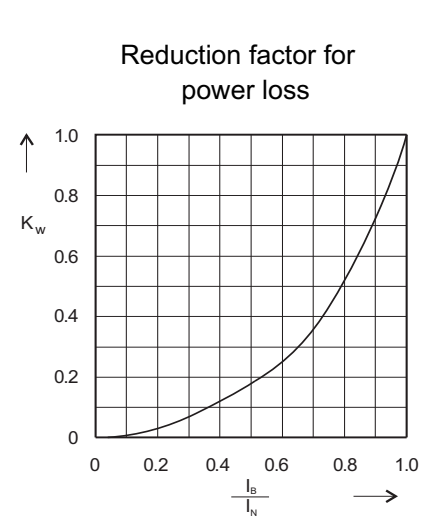
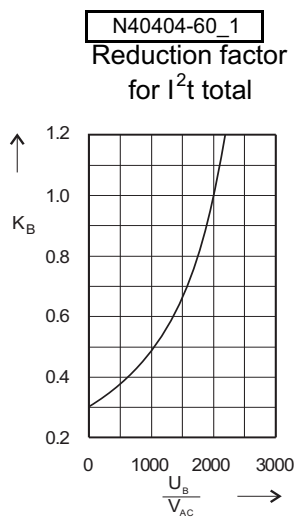
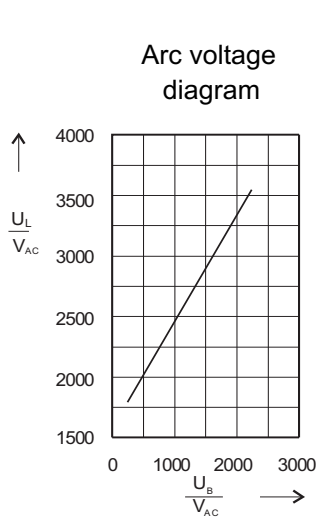
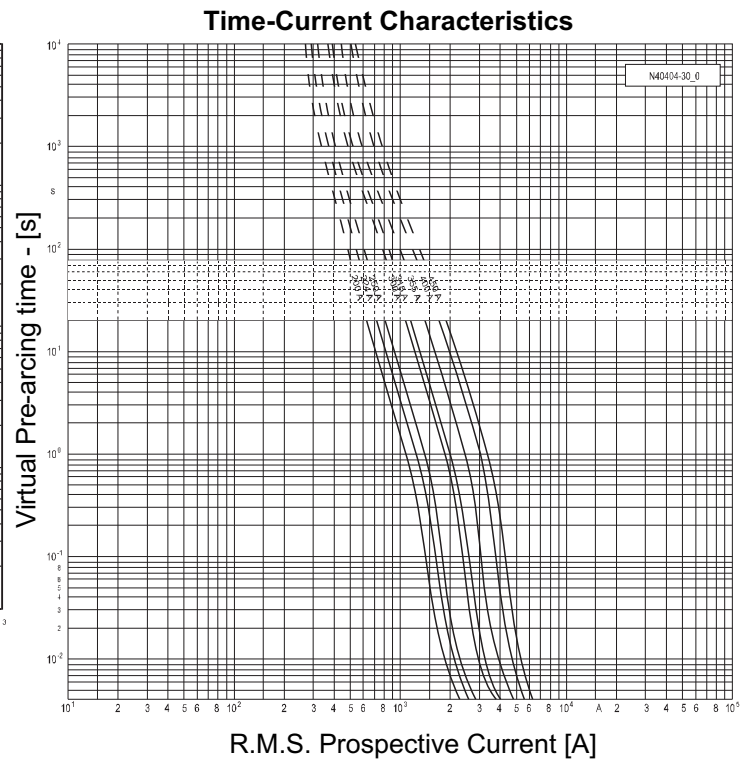
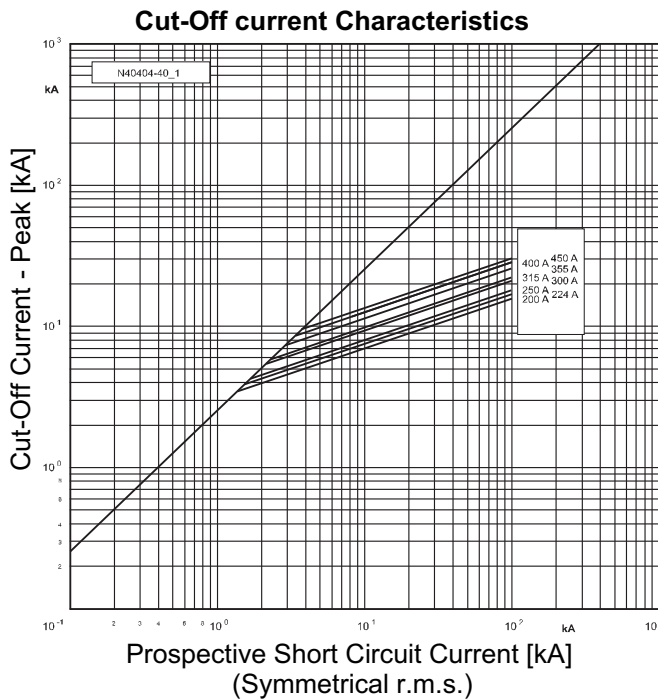
	Dimensions in / mm
A_{max}	7.10 / 180
B	1.26 / 32
C	6.50 / 165
D	2.40 / 61
E	2.72 / 69
F	0.24 / 6
G	2.36 / 60
H	3.40 / 86
I	0.50 / 13
J	0.43 / 11
K	8.20 / 208
L	9.45 / 240

Accessories

Fuse Bases	Page	Microswitch	Page
		2800202	387
		Standard Level (Red Hammer)	

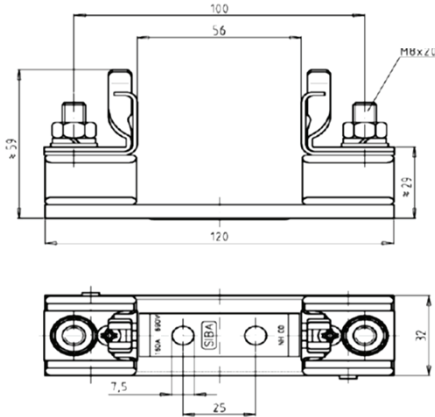
URM	Rated Voltage [Un] 2000V _{AC}	Rated Breaking Test Capacity 100kA	Class aR	Standard(s) IEC 60 269-4 VDE 0636 Part 40
NH3				

Coefficients for Heavy Duty Applications					
a	A2	B1	B2	Cf3	N
130	0.65	1.25	0.65	0.8	1.5

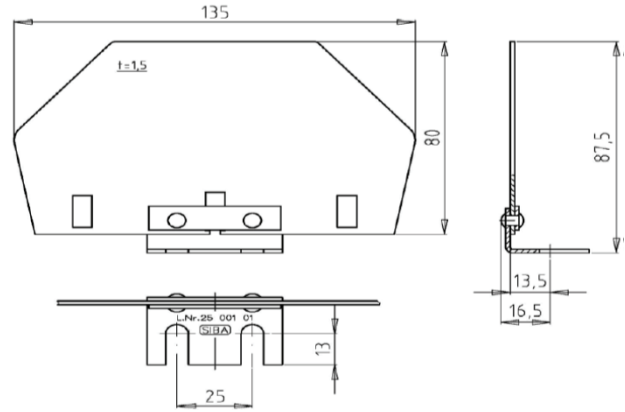
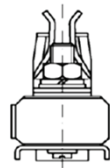


URM	Rated Voltage 690V _{AC} -IEC	Accessories Fuse Bases			Standard(s) DIN 43620 IEC 60 269-2			
NH 000 / 00								

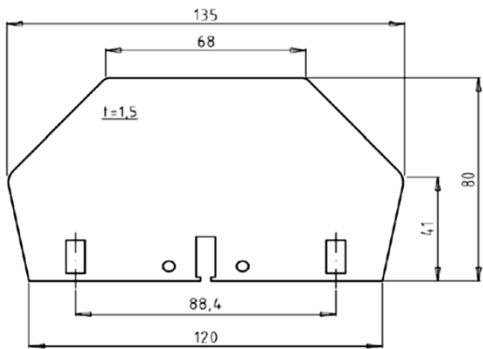
Fuse Size 000 / 00	Fuse Base Article No.	Rated Current [A]	Rated Power Acceptance [W]	Weight [kg/1]	Units per Package	External Wall Article No.	Partition Wall Article No.	Insulating Contact Covers
1 - Pole	2100101	160	12	0.44	1	25 001 01	—	—
3 - Pole	2100103			0.81				



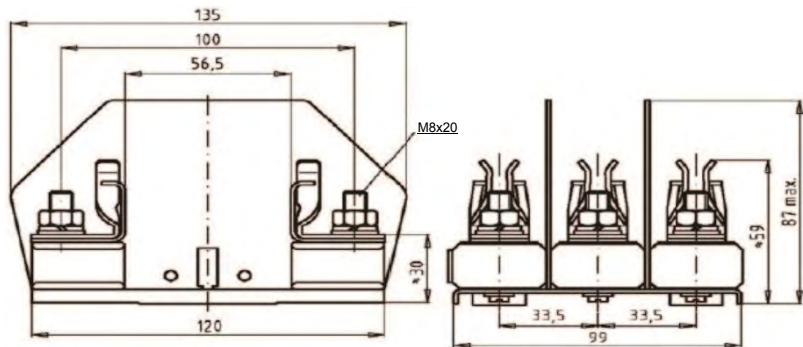
2100101 - 1 Pole



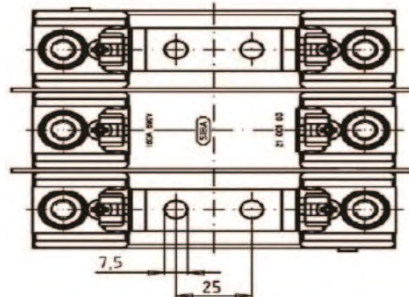
2500101



2500103.2

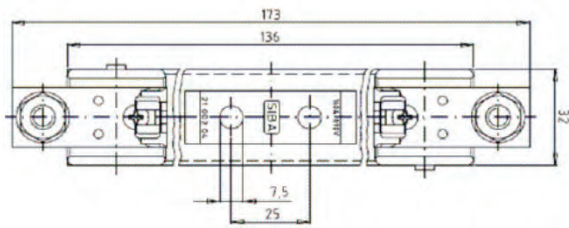
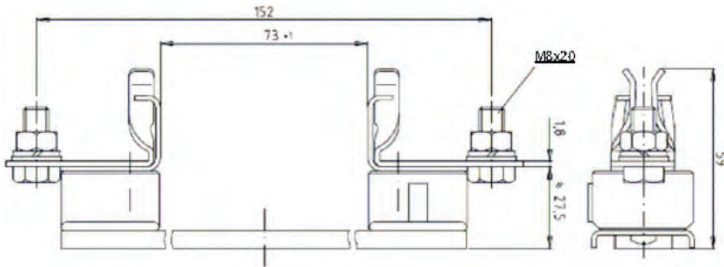


2100103 - 3 Pole
with two partition walls



Maximum Torque	
Fuse base mounting	- 12N•m
Cable connection	- 12N•m

URM		Rated Voltage		Accessories			Standard(s)	
NH 0		690V _{AC} -IEC		Fuse Bases			DIN 43620 IEC 60 269-2	
Fuse Size	Fuse Base Article No.	Rated Current [A]	Rated Power Acceptance [W]	Weight [kg/1]	Units per Package	External Wall Article No.	Partition Wall Article No.	Insulating Contact Covers
0	2100204	160	25	—	1	—	—	—



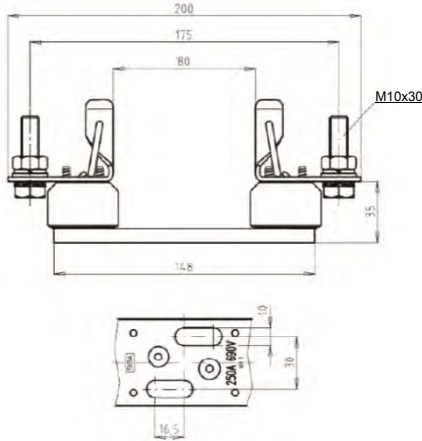
2100204

Maximum Torque	
Fuse base mounting	- 12N•m
Cable connection	- 12N•m

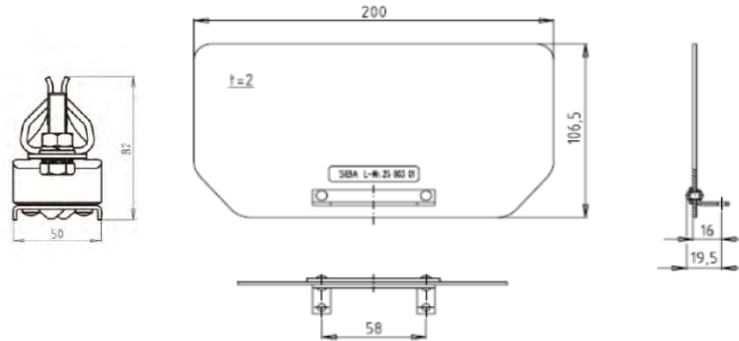
URM	Rated Voltage	Accessories				Standard(s)		
NH 1	690V_{AC}-IEC	Fuse Bases				DIN 43620		
						IEC 60 269-2		

Fuse Size	Fuse Base Article No.	Rated Current [A]	Rated Power Acceptance [W]	Weight [kg/1]	Units per Package	External Wall Article No.	Partition Wall Article No.	Insulating Contact Covers Article No.
1 - Pole	2100301	250	32	0.72	1	2500301	2100303.30	2100301.26
3 - Pole	2100303			2.31				

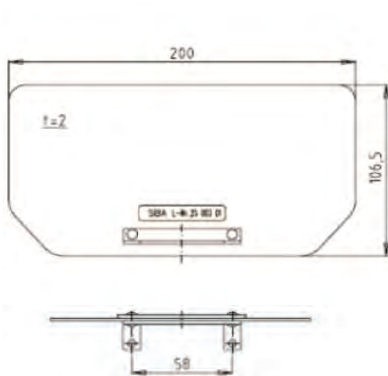
Parallel installation of single pole fuse bases, distance between centers ≥ 58 mm.



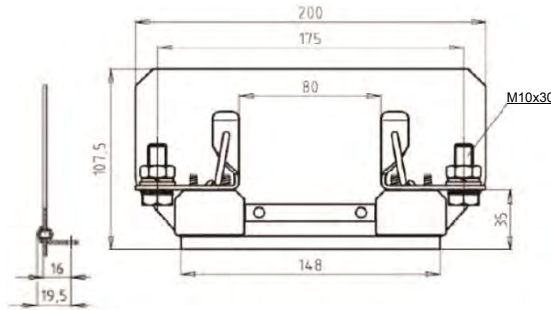
2100301



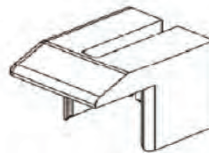
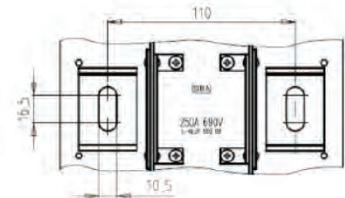
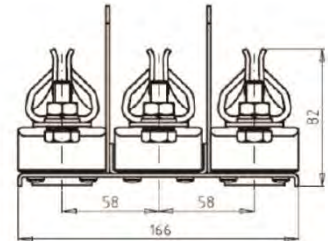
2500301



21 003 03.30



21 003 03
with two partition walls



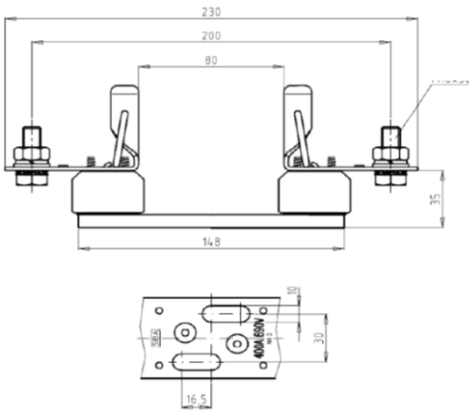
2100301.26

Maximum Torque

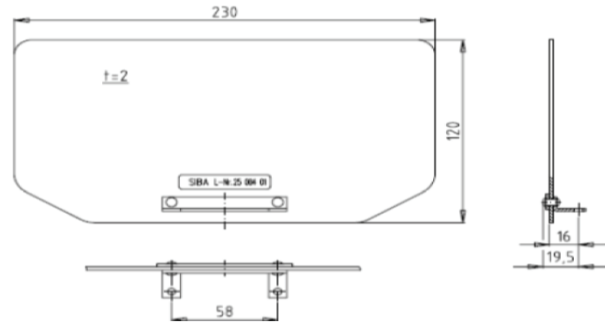
Fuse base mounting	- 20N•m
Cable connection	- 32N•m

URM		Rated Voltage 690V _{AC} -IEC			Accessories Fuse Bases		Standard(s) DIN 43620 IEC 60 269-2		
NH 2		Article No.	Rated Current [A]	Rated Power Acceptance [W]	Weight [kg/1]	Units per Package	External Wall Article No.	Partition Wall Article No.	Insulating Contact Covers
Fuse Size	2								
1 - Pole		2100401	400	45	0.88	1	2500401	—	2100401.26
3 - Pole		2100403			3.15				

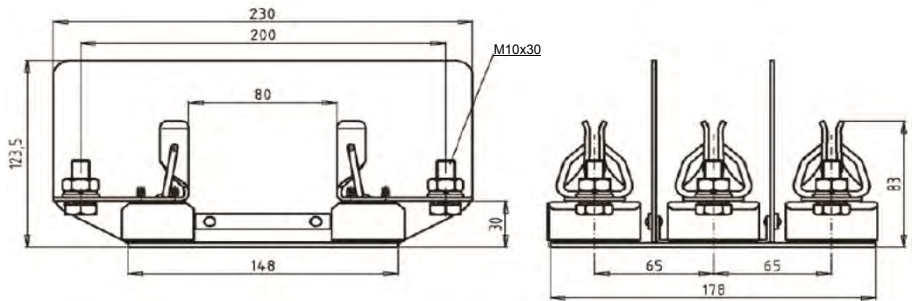
Parallel installation of single pole fuse bases, distance between centers ≥ 65mm.



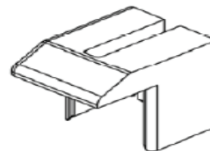
2100401



2500401

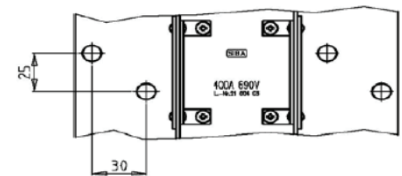


21 004 03
with two partition walls



2100401.26

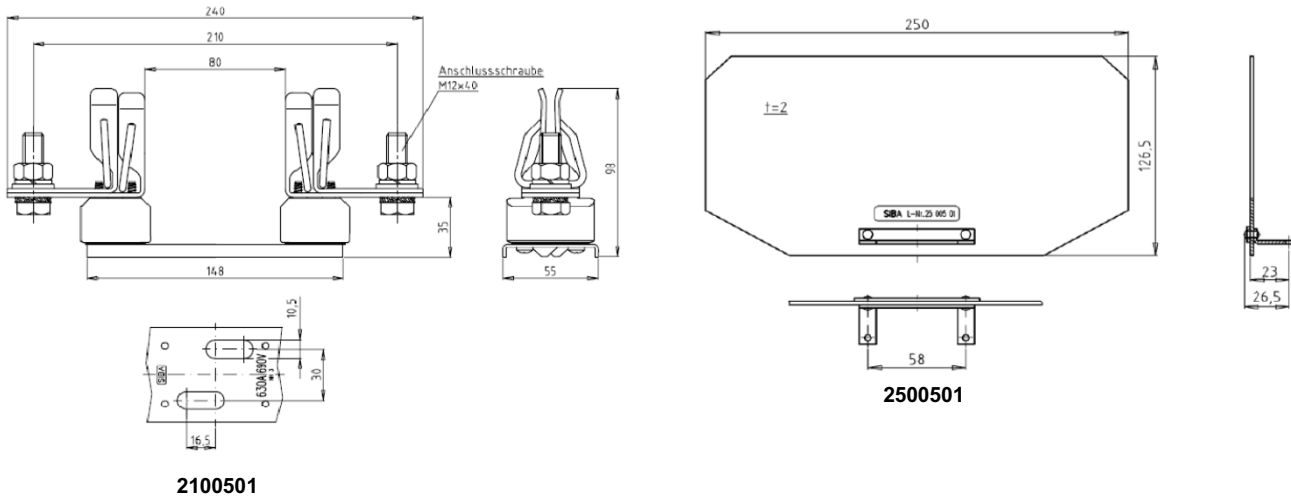
Maximum Torque	
Fuse base mounting	- 20N•m
Cable connection	- 32N•m



URM	Rated Voltage	Accessories				Standard(s)		
NH 3	690V_{AC}-IEC	Fuse Bases				DIN 43620		
						IEC 60 269-2		

Fuse Size	Fuse Base Article No.	Rated Current [A]	Rated Power Acceptance [W]	Weight [kg/1]	Units per Package	External Wall Article No.	Partition Wall Article No.	Insulating Contact Covers
1 - Pole	2100501	630	60	1.16	1	2500501	—	2100501.26

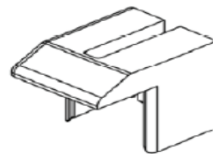
Parallel installation of single pole fuse bases, distance between centers ≥ 75 mm.



2100501

2500501

Maximum Torque	
Fuse base mounting	- 20N•m
Cable connection	- 32N•m



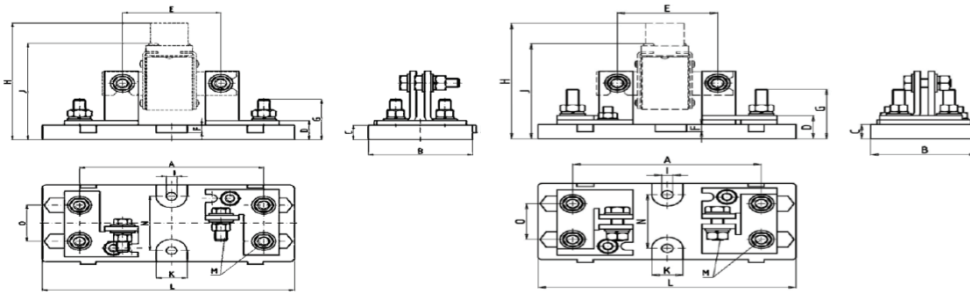
2100501.26

URM
cRU[®] US
E186970

Accessories
Fuse Modules

Standard(s)
DIN43635
IEC 60269-4-1 Sec 1B

Article Number	Mounting Centers [mm]	Rated Voltage IEC / UL [V]	Rated Current IEC / UL [A]	Interrupt withstand current [kA]	Weight [kg / 1]	Dimensions [in/mm]		
						2132301	2132302	
2132301	110	1400 / 1200	630 / 630	200	1.22	A	7.10 / 180	7.10 / 180
2132302			1250 / 1250		1.26	B	3.35 / 85	3.35 / 85



2132301



2132302

C	0.63 / 16	0.63 / 16
D	0.83 / 21	0.83 / 21
E	4.33 / 110	4.33 / 110
F	0.30 / 8	0.30 / 8
G	1.80 / 46	1.80 / 46
H(Size 1)	5.00 / 127	5.00 / 127
H(Size 2)	5.12 / 130	5.12 / 130
H(Size 3)	5.40 / 137	5.40 / 137
I	0.35 / 9	0.35 / 9
J(Size 1)	4.10 / 104	4.10 / 104
J(Size 2)	4.25 / 108	4.25 / 108
J(Size 3)	4.53 / 115	4.53 / 115
K	0.98 / 25	0.98 / 25
L_{max}	8.07 / 205	8.07 / 205
M	- / M10	- / M10
N	2.36 / 60	2.36 / 60
O	1.57 / 40	1.57 / 40
Nut Torque Max - 48N•m / 35.3lb•ft		
Base Torque Max - 15N•m / 41.3lb•in		

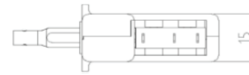
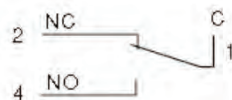
GL - Microswitch
Standard Level

Article Number	Insulating Voltage [V]	Change Over Circuits	Interrupt Rating			
			AC		DC	
			[V]	[A]	[V]	[A]
2800201	—	1	250	5(resistive)	33	3(resistive)
2800202				3(inductive)		

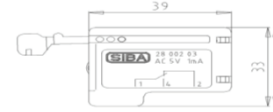
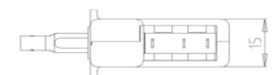
Low Level

Article Number	Insulating Voltage [V]	Change Over Circuits	Interrupt Rating			
			Minimum		Maximum	
			[V]	[A]	[V]	[A]
2800203	—	1	5V _{AC}	1mA(resistive)	30V _{AC}	0.3A
2800204			5V _{DC}		30V _{DC}	

Weight [kg / 1]
0.02
Units per Package
10



2800202 / 2800204
(Red Hammer)



2800201 / 2800203
(Black Hammer)