



NH TYPE BLADE FUSES

General Characteristics

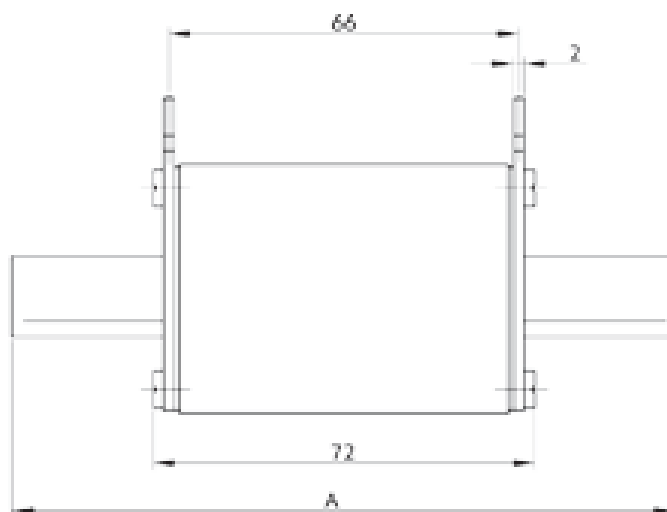
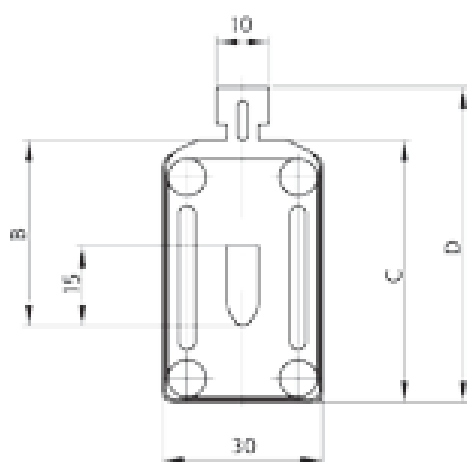
Rated Voltage	1000V DC L/R=2ms
Breaking Capacity	20kA
Standards	IEC 60269-6 ed 1.0 (2010-9), IEC 60269-4



DC 1000V

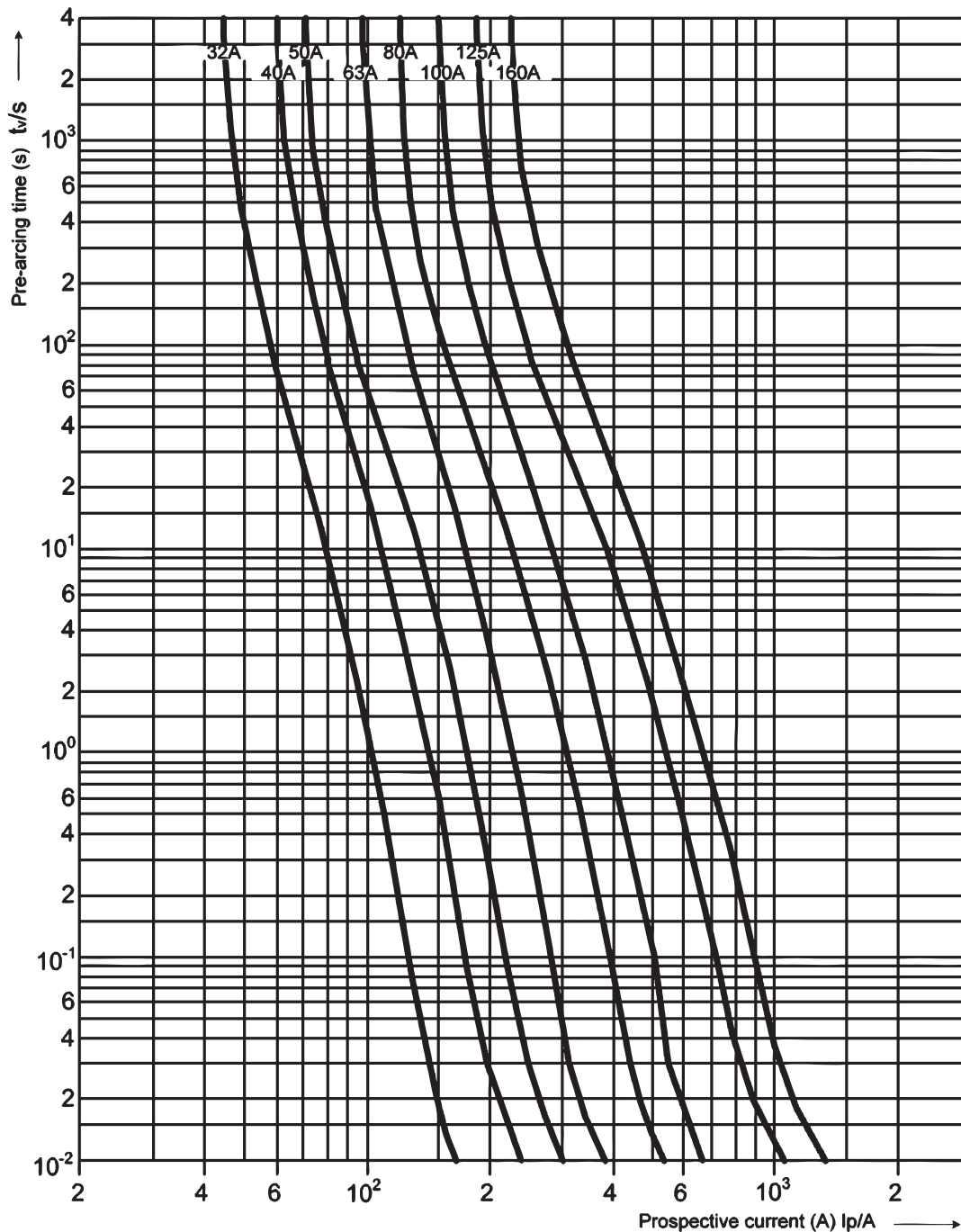
I_n [A]	gPV		PV (gR)		Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 2ms)	Operating Joule integral [I²t] (L/R = 2ms)	Weight [g]	Packaging [pcs]
	Code No. Size 0	Code No. Size 1C	Code No. Size 0	Code No. Size 1C					
32	004110381	004110371	004110520	004110530	7,6	52	430	280/0 300/1C	3/24
40	004110383	004110373	004110522	004110532	8,8	96	730		
50	004110384	004110374	004110523	004110533	11,0	155	920		
63	004110385	004110375	004110524	004110534	13,5	290	1.760		
80	004110386	004110376	004110525	004110535	17,0	520	3.160		
100	004110387	004110377	004110526	004110536	21,0	1.110	5.280		
125	004110388	004110378	004110527	004110537	22	2.800	11.340		
160	004110389	004110379	004110528	004110538	32	5.950	20.750		

Size	A	B	C	D
0	125	35	50	60
1C	135	40	55	65



gPV, PV(gR) 750V, 1000V dimensions

NH TYPE BLADE FUSES



gPV, PV(gR) 1000V t-I characteristics



NH TYPE BLADE FUSES

General Characteristics

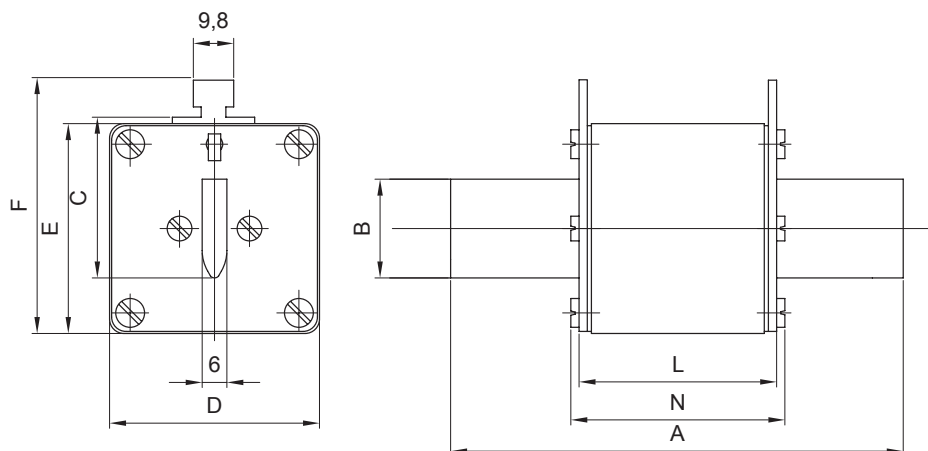
Rated Voltage	1000V DC L/R=1ms
Breaking Capacity	10k A DC
Standards	IEC 60269-6 ed 1.0



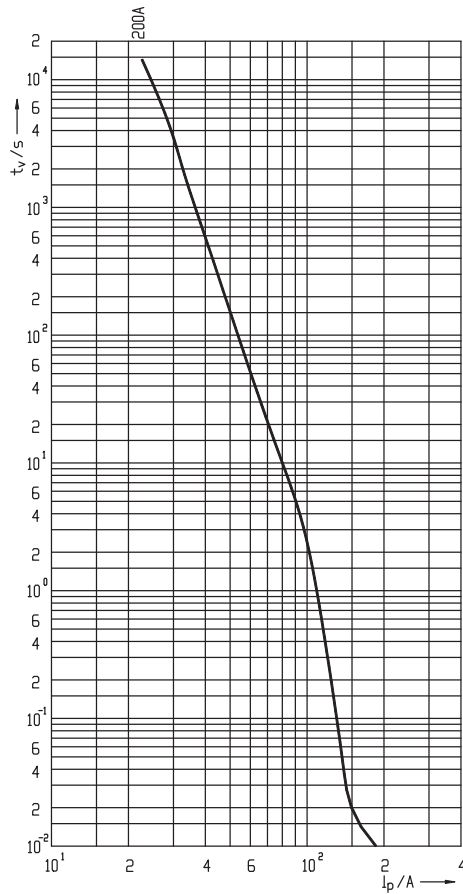
DC 1000V gPV

Size	I_n [A]	gPV Standard indicator Code No.	Power dissipation ($0,7 \times I_n$) [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 1ms)	Operating Joule integral [I²t] (L/R = 1ms)	Weight [g]	Packaging [pcs]
1	200	004110342	11	27	4.400	29.000	500	3/24
2	200	004110343	11	26	4.400	29.000	650	1/16
	250	004110344	15	36	6.000	38.000		
3	160	004110456	15	38	5.000	10.000	1200	3/15
	200	004110455	18	45	10.000	20.000		
	250	004110458	18	44	20.000	40.000		
	315	004110460	24	54	40.000	80.000		
	350	004110459	25	55	45.000	90.000		
	400	004110457	24	58	46.000	138.000		

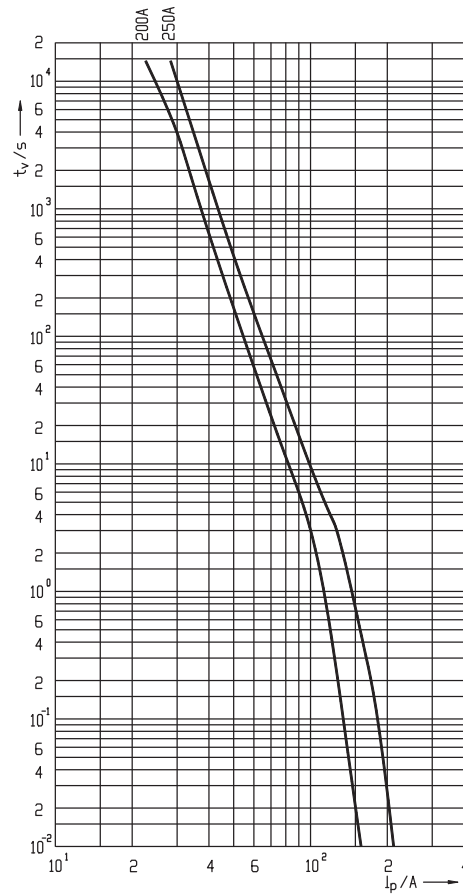
Size	A	B	C	D	E	F	L	N
1	135	24	42	51	51	67	70	74
2	150	30	48	61	61	71	70	74
3	150	37	60	73	73	87	70	74



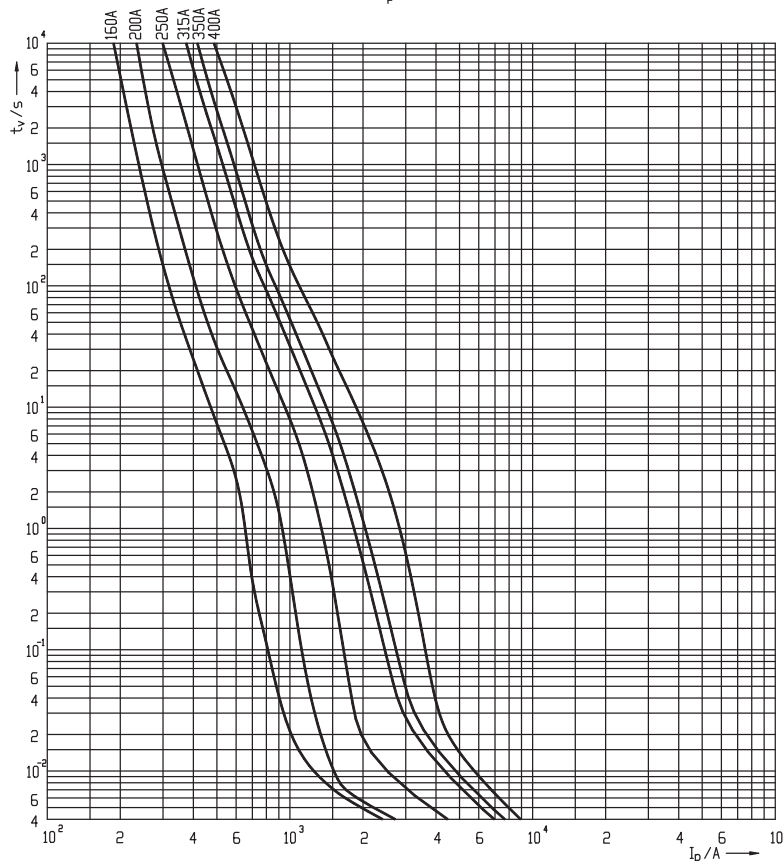
NH TYPE BLADE FUSES



NH1 gPV
1000V t-I
characteristics



NH2 gPV
1000V t-I
characteristics



NH3 gPV 1000V t-I characteristics



NH TYPE BLADE FUSES

General Characteristics

Rated Voltage	1100V DC L/R=5ms
Breaking Capacity	10kA DC
Standards	IEC 60269-6 ed 1.0 (2010-9), IEC 60269-4



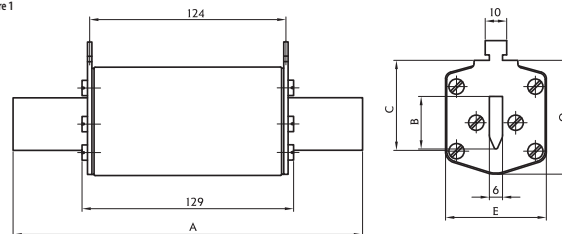
DC 1100V

Size	I_n [A]	Standard indicator (pic.1)	gPV Trip indicator - K (pic.2)	S_{170} screw contact (pic.3)	PV (gR) Standard indicator (pic.1)	gPV Trip indicator - K (pic.2)	Power dissipation (0,7xI _n) P_d [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 5ms)	Operating Joule integral [I²t] (L/R = 5ms)	Weight [g]	Packaging [pcs]
1XL	63	004110426	004110431	004110435	004110540	004110550	6,2	15,0	2.720	3.520	750	1/17
	80	004110427	004110432	004110436	004110541	004110551	7	17,0	4.000	5.500		
	100	004110428	004110433	004110437	004110542	004110552	8,2	20,0	6.500	9.000		
	125	004110429	004110434	004110438	004110543	004110553	9,6	23,0	11.000	15.000		
	160	004110410	004110414	004110420	004110544	004110554	14,6	35,0	19.400	28.640		
	200	004110411	004110416	004110439	004110585	004110586	13,9	32,6	42.600	83.400		
2XL	200	004110430	004110415	004110421	004110545	004110555	17,8	42,0	40.000	60.000	1050	1/15
	250	004110413	004110417	004110423	004110546	004110556	17,9	46,0	85.260	117.400		
	350*	004110483	/	/	/	/	27	65,5	40.000	130.000		
3L	200	004110451	/	/	/	/	17	41	40.000	59.000	1360	1/10
	224	004110452	/	/	/	/	17,5	44	60.000	88.000		
	250	004110453	/	/	/	/	17,7	45	85.000	115.000		
	300	004110454	/	/	/	/	25	53,5	166.000	220.000		
	315	004110425	004110419	004110424	004110547	004110557	25,2	54,0	166.800	221.900		
	350	004110440	004110442	004110444	004110548	004110558	28,2	60,5	175.000	260.000		
	400	004110441	004110443	004110445	004110549	004110559	28,8	67,0	235.000	345.000		
	450*	004110448	/	004110450	/	/	40	98	110.000	280.000		
	500*	004110446	/	004110447	/	/	42	112	150.000	370.000		
	630*	004110449	/	004110484	/	/	46	119	180.000	450.000		

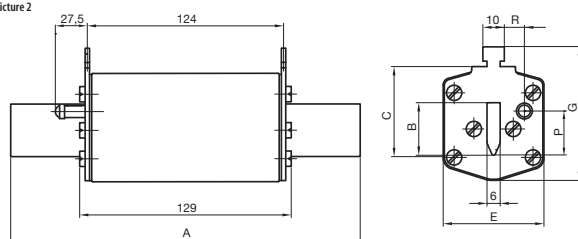
*L/R=2ms, 30kA d.c.; special dimensions (see next page)

Size	Dimensions [mm]								
	A	B	C	E	G	P	R	M	O
1XL	194	24	40	46	61,5	20,5	13,7	50	52
2XL	209	30	48	54	71	27,3	16,2	59	61
*2XL (350A)	208	30	48	60	/	/	/	60	/
3L	209	37	60	64	82	35,6	17,0	70	74
*3L (450A, 500A, 630A)	209	37	60	73	/	/	/	73	77

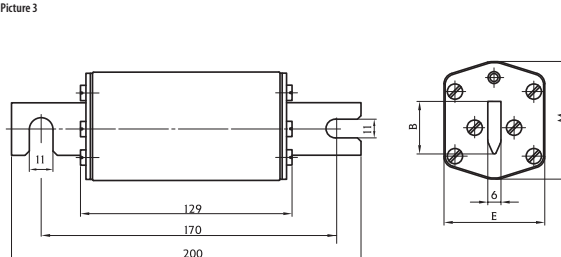
Picture 1



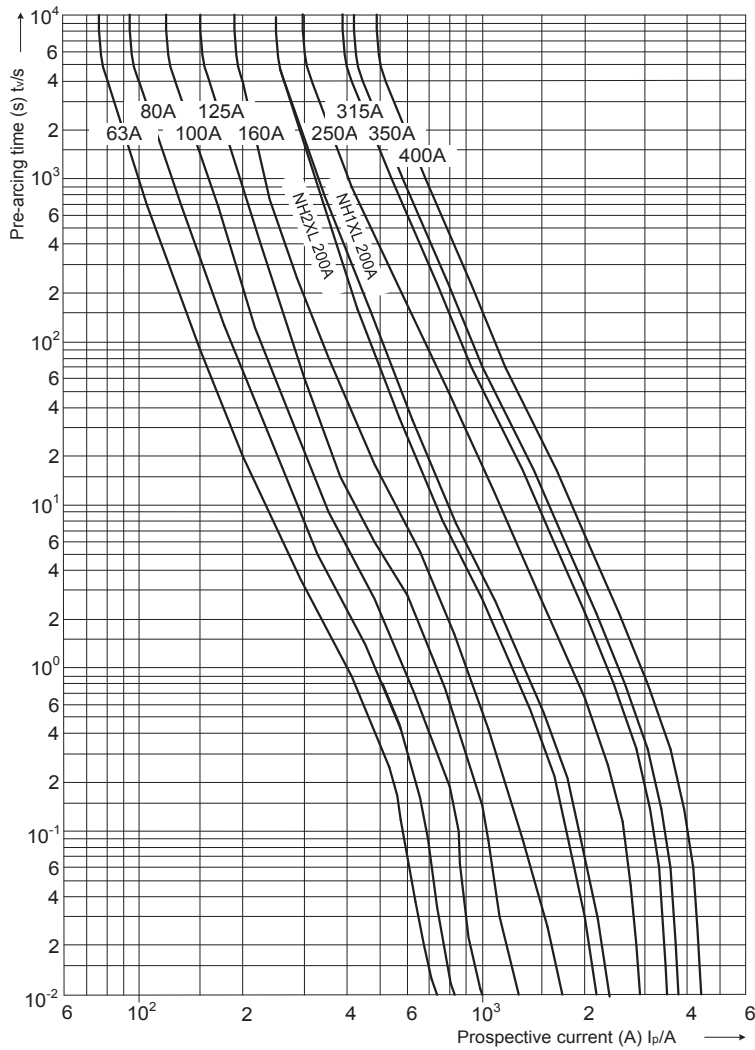
Picture 2



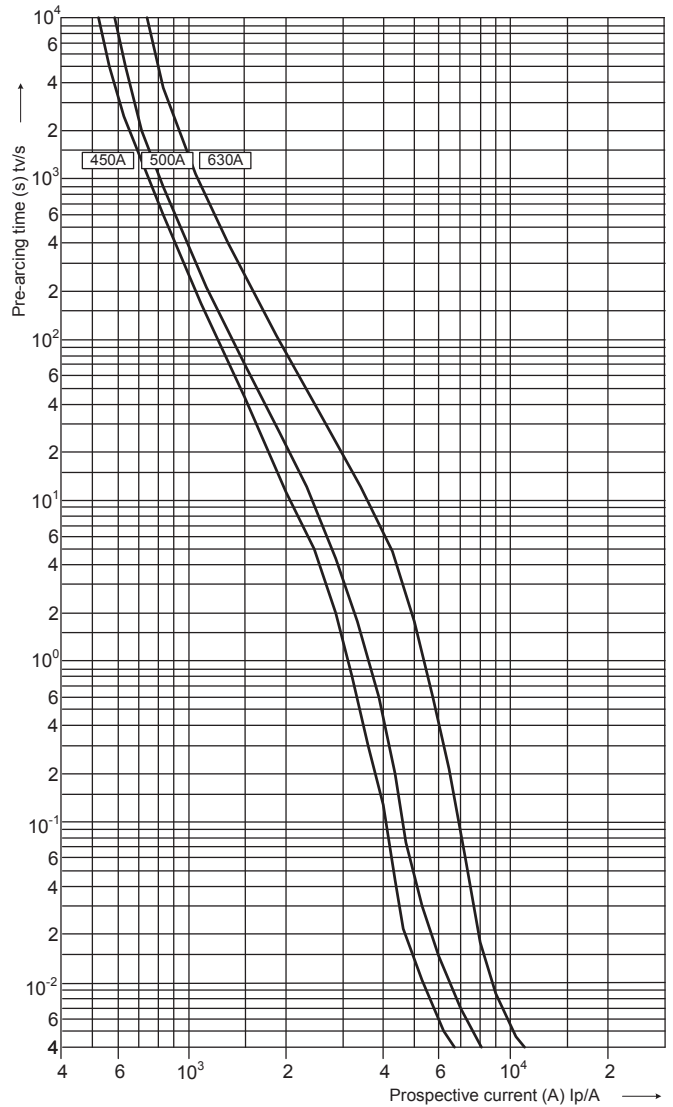
Picture 3



NH TYPE BLADE FUSES



gPV, PV(gR) 1100V t-I characteristics



gPV, PV(gR) 1100V t-I characteristics

NH TYPE BLADE FUSES



General Characteristics

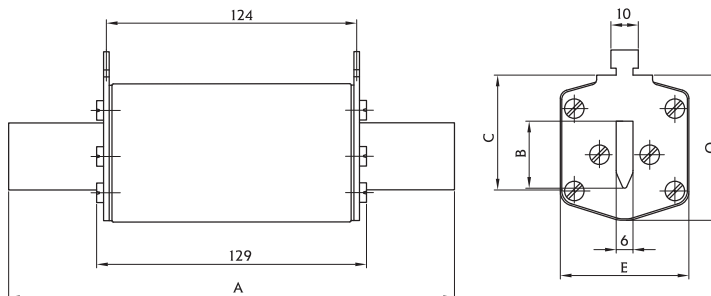
Rated Voltage	1100V DC L/R=2ms
Breaking Capacity	10kA DC
Standards	UL 2579, UL 248-1

DC 1100V gPV

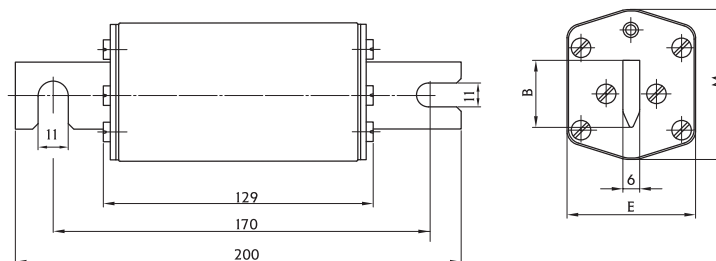
Size	I _n [A]	Standard indicator (pic.1)	S ₁₇₀ screw contact (pic.2)	U ₁₇₀ screw contact (pic.3)	Power dissipation (0,7xI _n) P _d [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 2ms)	Operating Joule integral [I²t] (L/R = 2ms)	Weight [g]	Packaging [pcs]
1XL	63	004110391	004110472	004110487	7	15,7	2.800	3.500	750	1/17
	80	004110392	004110473	004110488	7	16	4.500	5.500		
	100	004110393	004110474	004110489	8,3	19	7.500	9.000		
	125	004110394	004110475	004110490	9,7	22	13.000	15.000		
	160	004110395	004110476	004110491	13,2	30	25.000	30.000		
	200	004110396	004110477	004110492	15	34,8	39.000	80.000		
2XL	200	004110397	004110478	004110493	15,9	36	55.000	75.000	1050	1/15
	250	004110398	004110479	004110494	19,3	44	90.000	120.000		
3L	315	004110399	004110480	004110495	23	53,6	170.000	230.000	1360	1/10
	350	004110400	004110481	004110496	26	58	195.000	260.000		
	400	004110401	004110482	004110497	28	64,8	250.000	350.000		
	450	004110485	004110486	004110498	34	85	130.000	250.000		

Size	Dimensions [mm]								
	A	B	C	E	G	P	R	M	O
1XL	194	24	40	46	61,5	20,5	13,7	50	52
2XL	209	30	48	54	71	27,3	16,2	59	61
3L	209	37	60	64	82	35,6	17,0	70	74

Picture 1

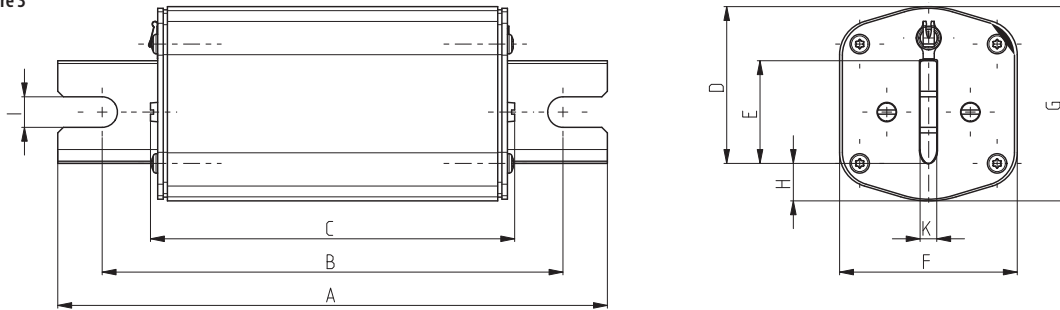


Picture 2

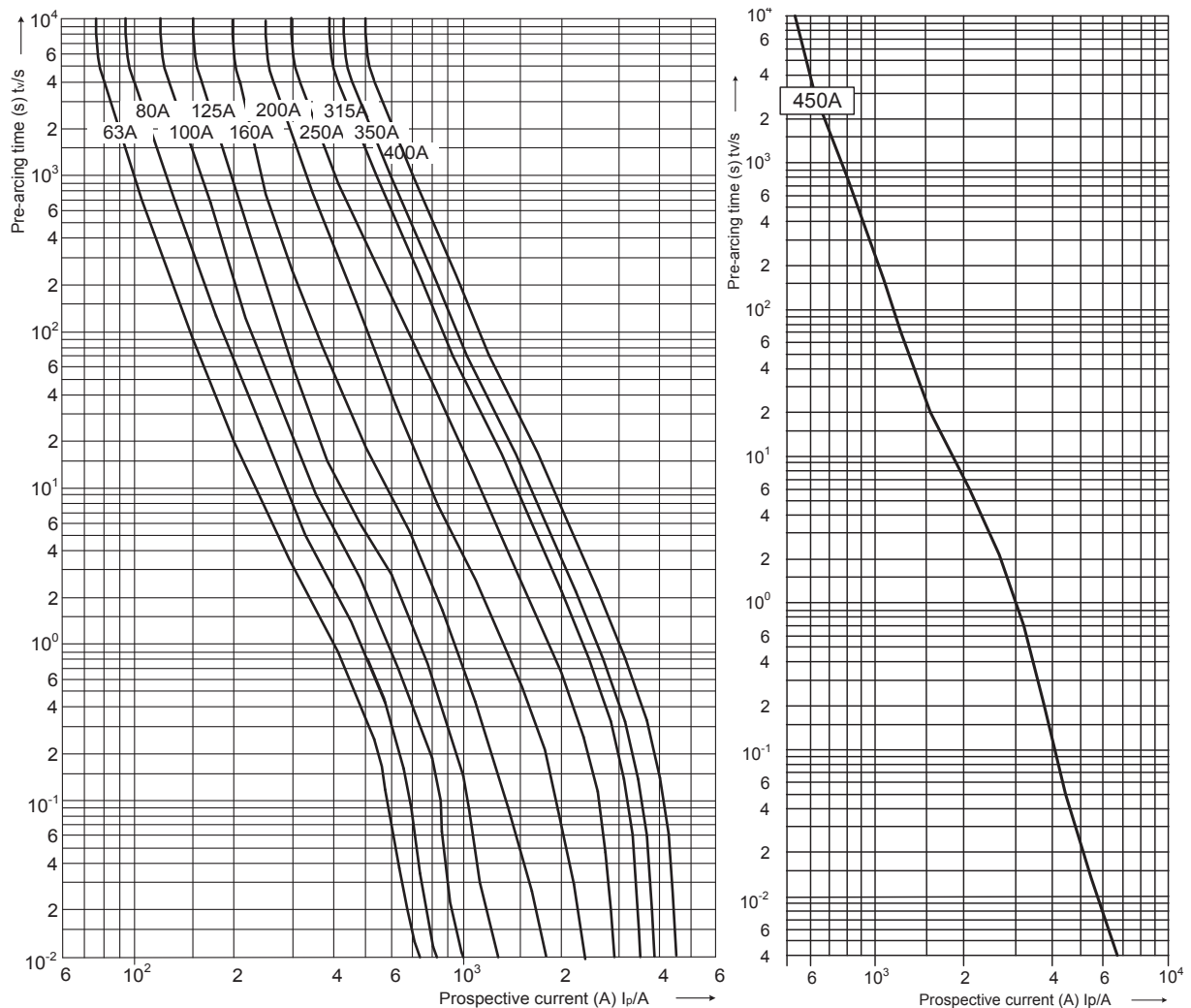


NH TYPE BLADE FUSES

Picture 3



Size	Dimensions [mm]									
	A	B	C	D	E	F	G	H	K	I
1XL	197	170	133	40	24	46	50	16	6	11
2XL	200	170	130	48	30	54	59	18	6	13
3L	200	170	130	60	37	64	70	23	6	13



gPV 1100V t-I characteristics

NH TYPE BLADE FUSES

1500V

General Characteristics

Rated Voltage	1500V DC L/R=2ms
Breaking Capacity	10kA DC
Standards	IEC 60269-6 ed. 1.0, UL2579, UL248-1
Accessories	PK XL fuse base

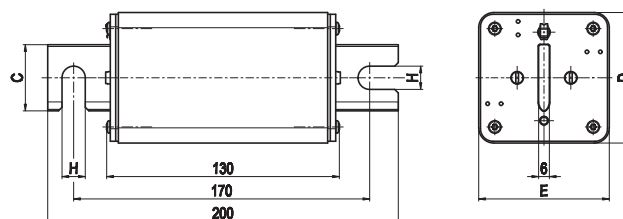


DC 1500V

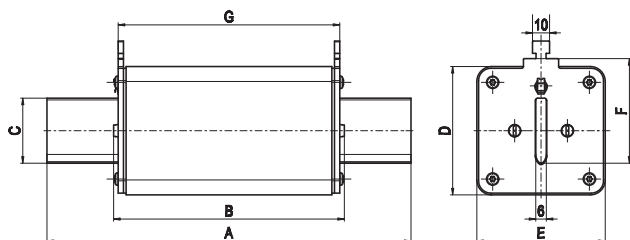
Size	I_n [A]	Standard indicator (pic.1)	S_{170} screw contact (pic.2)	U_{170} screw contact (pic.3)	Power dis- sipation ($0,7 \times I_n$) P_a [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 2ms)	Operating Joule integral [I²t] (L/R = 2ms)	Weight [g]	Packaging [pcs]
1XL	50	004110621	004110622	004110623	6	14	800	3500	950	1/15
	63	004110560	004110591	004110606	6,2	14	1.500	6.000		
	80	004110561	004110592	004110607	7	16	5.000	15.000		
	100	004110562	004110593	004110608	8,3	19	10.000	26.000		
	125	004110563	004110594	004110609	9,7	22	15.000	37.000		
	160	004110564	004110595	004110610	13,2	30	19.000	48.000		
	200	004110565	004110596	004110611	13,7	32,5	22.000	75.000		
2XL	200	004110566	004110597	004110612	15,9	36	42.000	75.000	1350	1/9
	250	004110567	004110598	004110613	19,3	44	73.000	132.000		
3L	315	004110569	004110602	004110617	20,6	51	70.000	180.000	1970	1/9
	350	004110570	004110603	004110618	25,5	63	140.000	200.000		
	400	004110571	004110604	004110619	35	86	40.000	165.000		

Size	Dimensions [mm]								
	A	B	C	D	E	F	G	H	J
1XL	193	130	24	51	51	41	126	11	11
2XL	208	130	30	60	60	48	126	11	13
3L	208	130	37	73	73	60	126	11	13

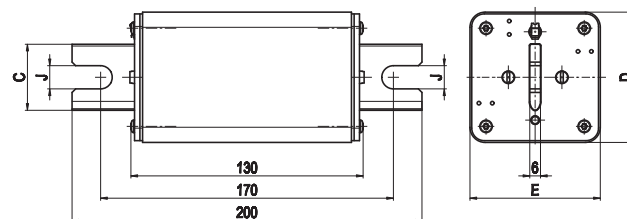
Picture 2



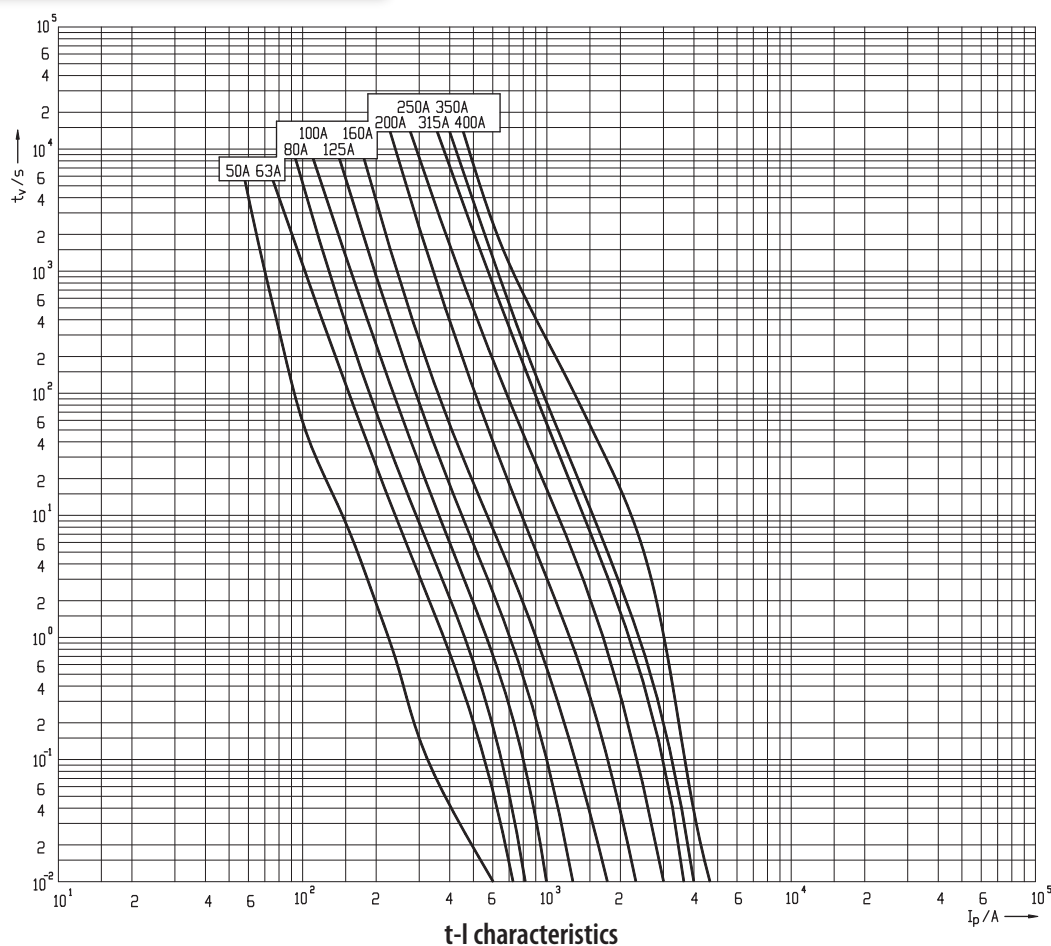
Picture 1



Picture 3

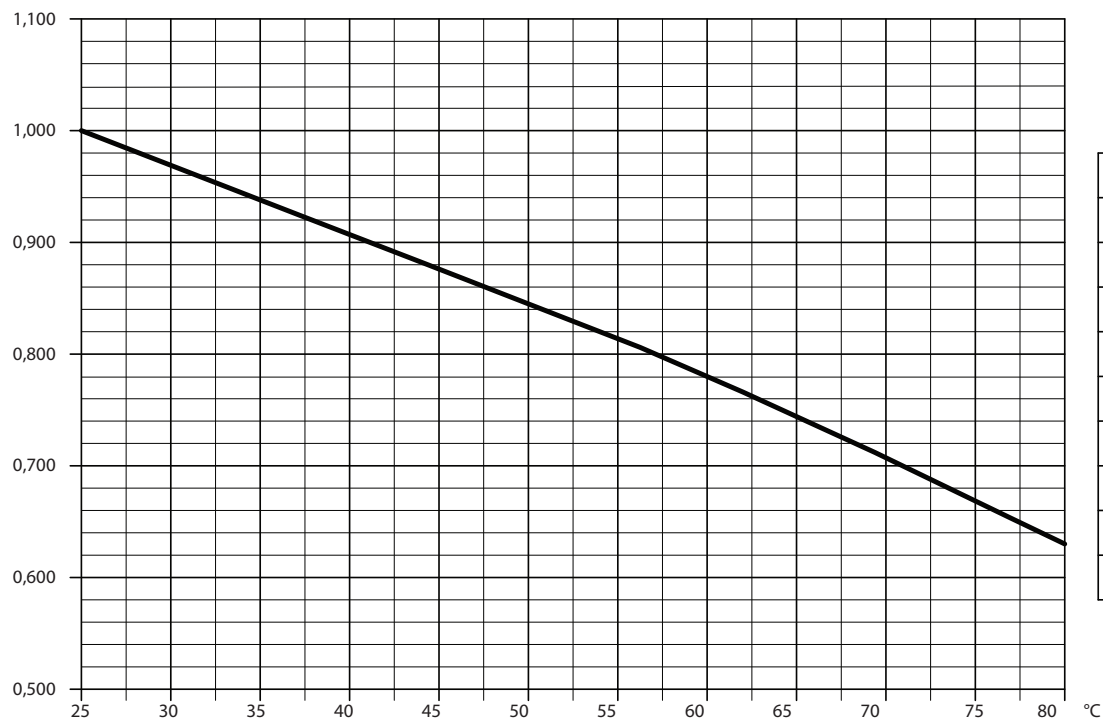


NH TYPE BLADE FUSES



A₁

Ambient temperature derating factor
NH XL



t _a (°C)	A ₁
40	0,91
45	0,88
50	0,84
55	0,81
60	0,78
65	0,74
70	0,71
75	0,67
80	0,63

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