

NH DC 1100V - Fuse-links

General characteristics

Rated voltage	1100V d.c. (L/R = 5ms)
Breaking capacity	10 kA d.c.
Standards	IEC 60269-6 ed 1.0 (2010-9), IEC 60269-4
Application	Fuse-link for DC application. Applied in fuse base PK XL 1500V.

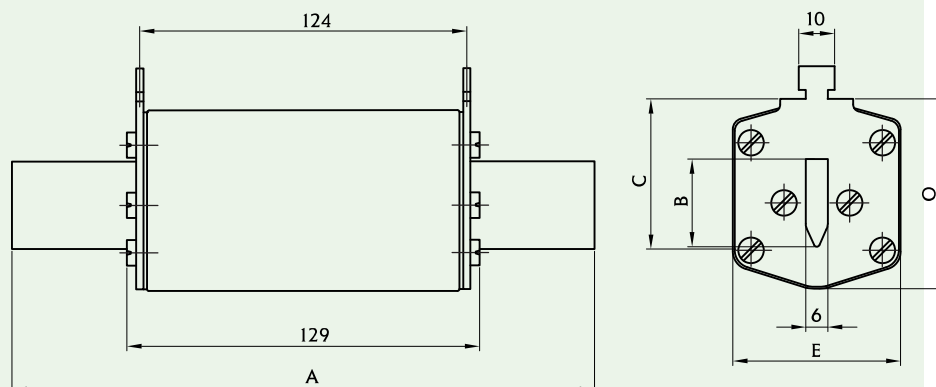


DC 1100V

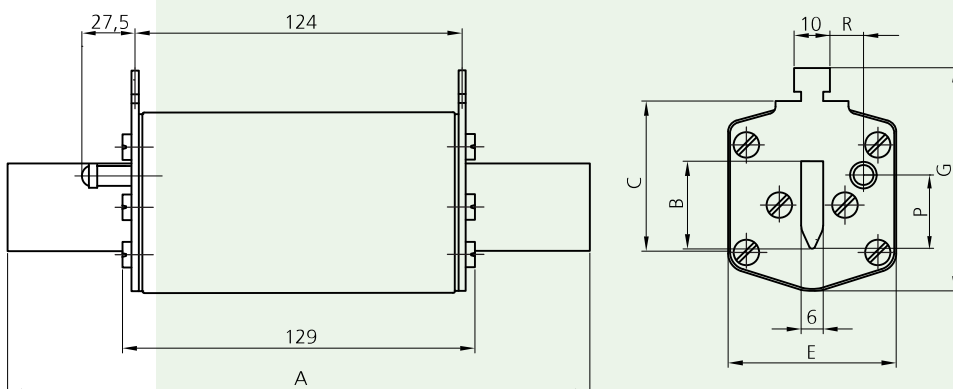
Size	I _n [A]	Standard indicator (pic.1)	gPV Trip indica- tor - K (pic.2)	S ₁₇₀ screw contact (pic.3)	Power dissipa- tion (0,7xI _n) P _d [W]	Power dissipa- tion [W]	Pre-arcing Joule integral [I²t] (L/R = 5ms)	Operating Joule integral [I²t] (L/R = 5ms)	Weight [g]	Packaging [pcs]
1XL	63	004110426	004110431	004110435	6,2	15,0	2.720	3.520	750	1/17
	80	004110427	004110432	004110436	7	17,0	4.000	5.500		
	100	004110428	004110433	004110437	8,2	20,0	6.500	9.000		
	125	004110429	004110434	004110438	9,6	23,0	11.000	15.000		
	160	004110410	004110414	004110420	14,6	35,0	19.400	28.640		
	200	004110411	004110416	004110439	13,9	32,6	42.600	83.400		
2XL	200	004110430	004110415	004110421	17,8	42,0	40.000	60.000	1050	1/15
	250	004110413	004110417	004110423	17,9	46,0	85.260	117.400		
	315	004110418	/	/	22	53	35.000	115.000		
	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	25,2	54,0	166.800	221.900		
	350	004110440	004110442	004110444	28,2	60,5	175.000	260.000		
	400	004110441	004110443	004110445	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)

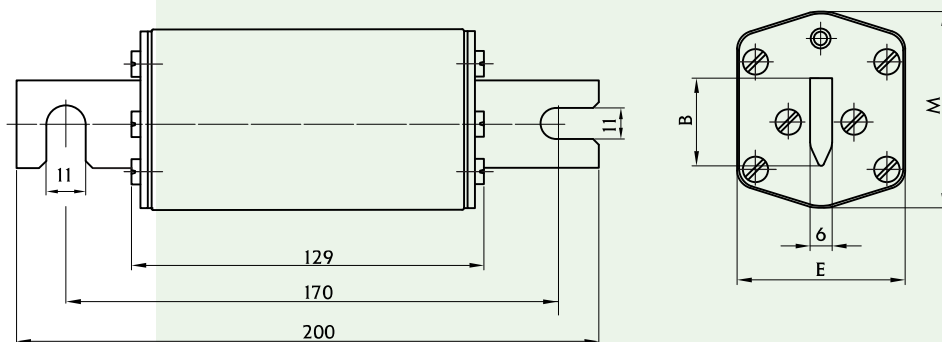
Picture 1



Picture 2

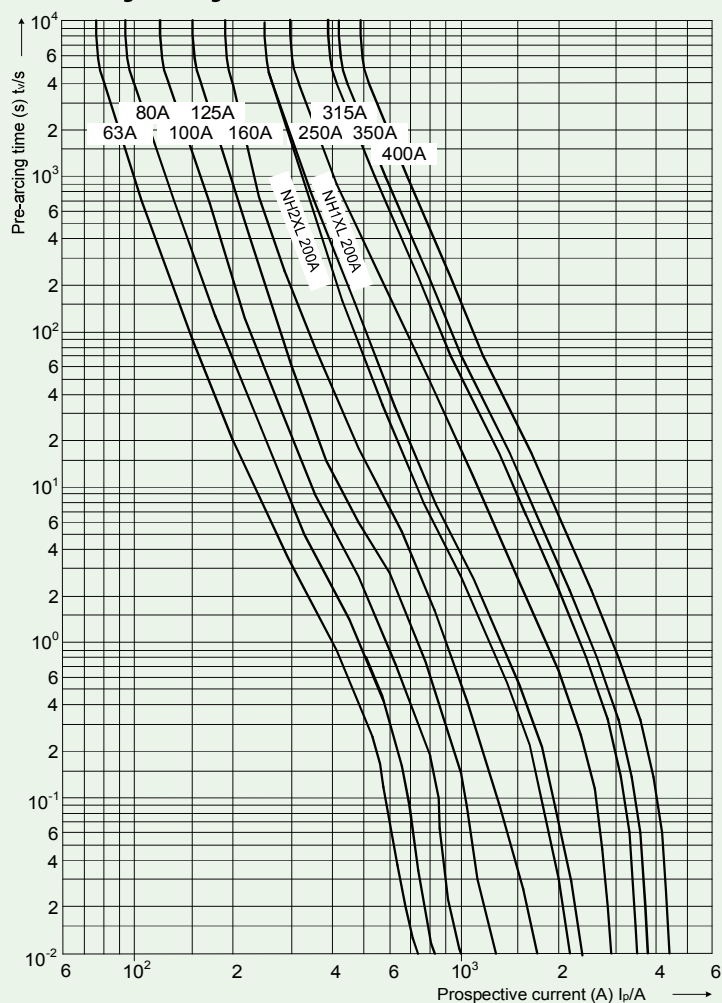


Picture 3

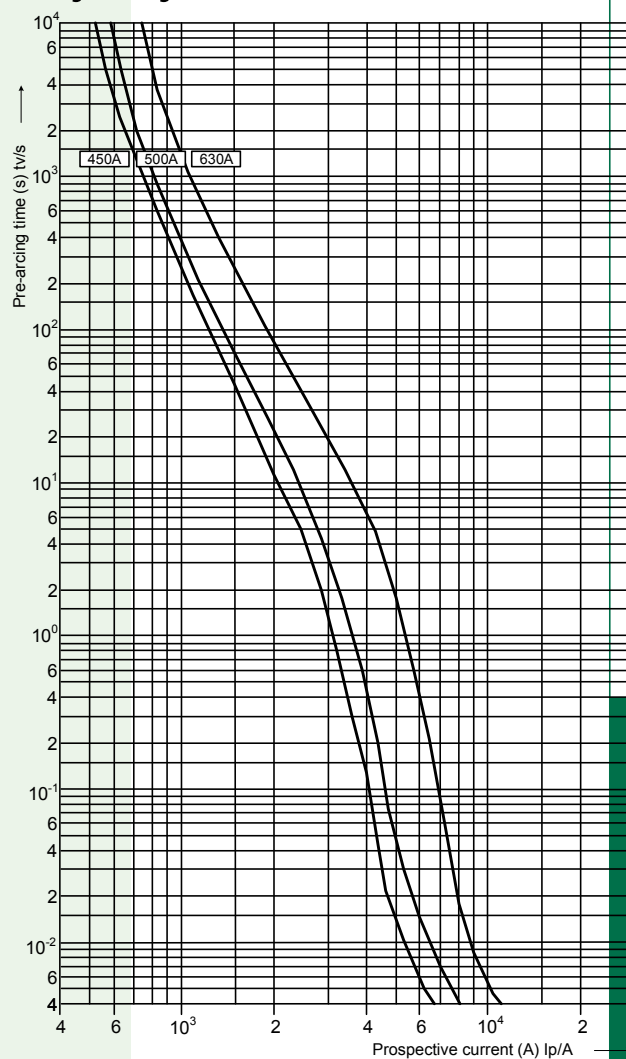


Size	Dimensions [mm]								
	A	B	C	E	G	P	R	M	O
1XL	194	24	40	46	61,5	20,5	13,7	50	52
2XL	209	30	48	54	71	27,3	16,2	59	61
*2XL (350A)	208	30	48	60	/	/	/	60	/
3L	209	37	60	64	82	35,6	17,0	70	74
*3L (450A, 500A, 630A)	209	37	60	73	/	/	/	73	77

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

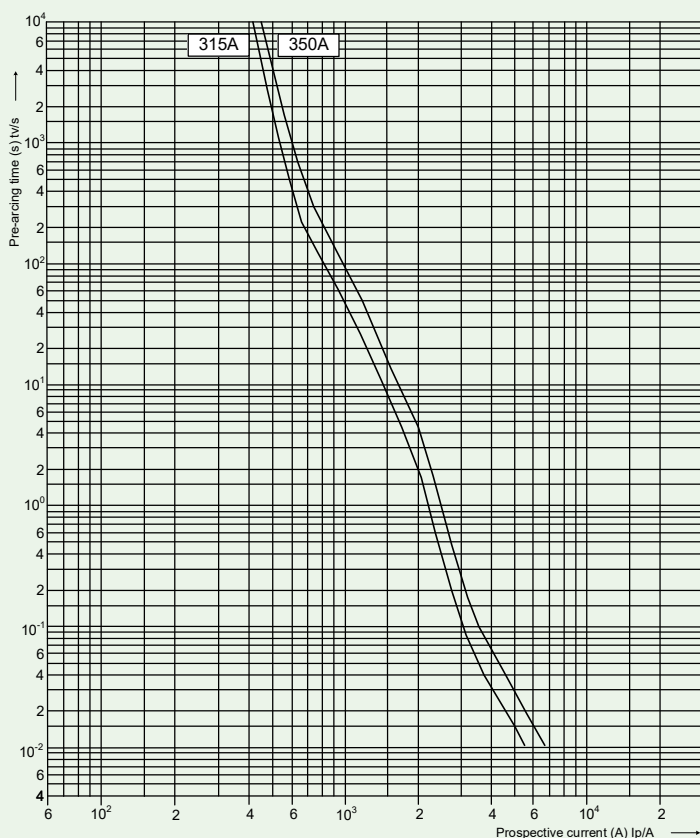


gPV, PV(gR) 1100V t-I characteristics



NH2XL 315,350A DC 1100V gPV

Time-current characteristic



NH DC 1100V - Fuse-links



General characteristics

UL file: E347771

Rated voltage	1100V d.c. (L/R = 2ms)
Breaking capacity	10 kA d.c.
Standards	UL 2579, UL 248-1
Application	Fuse link for DC application. Applied in fuse base PK XL 1500V.

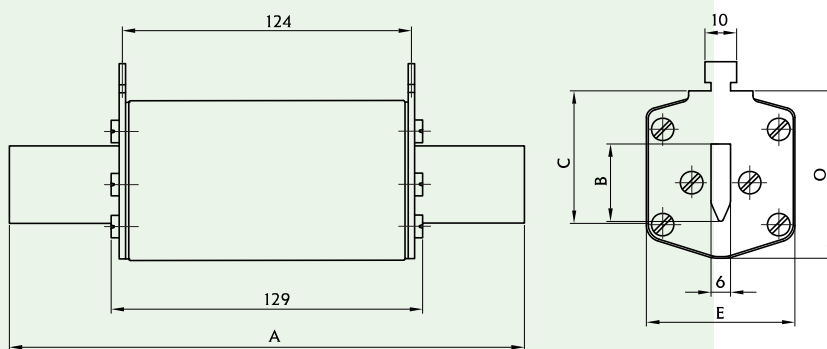
DC 1100V gPV

Size	I _n [A]	Standard indicator (pic.1)	gPV S ₁₇₀ screw contact (pic.2)	gPV U ₁₇₀ screw contact (pic.3)	Power dissipation (0,7xI _n) P _d [W]	Power dissipation [W]	Pre-arcing Joule integral [I ² t] (L/R = 2ms)	Operating Joule integral [I ² t] (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		
	500*	004110629	004110628	004110627	37	98	150.000	370.000		

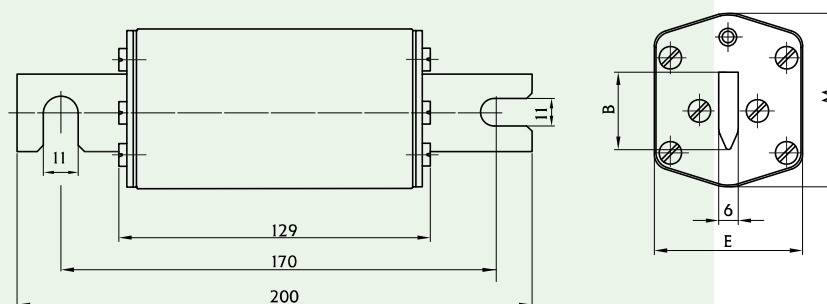
*size 73x73; dimensions on page 46 (3L).



Picture 1

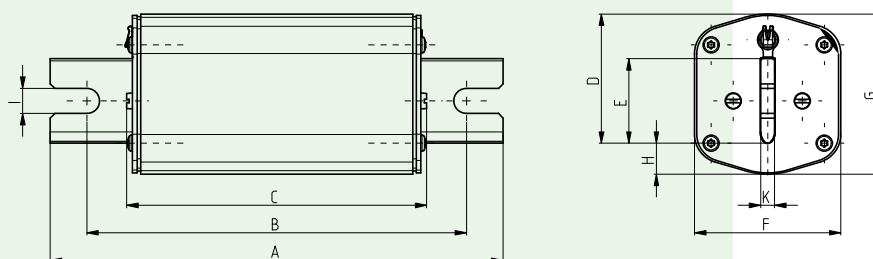


Picture 2

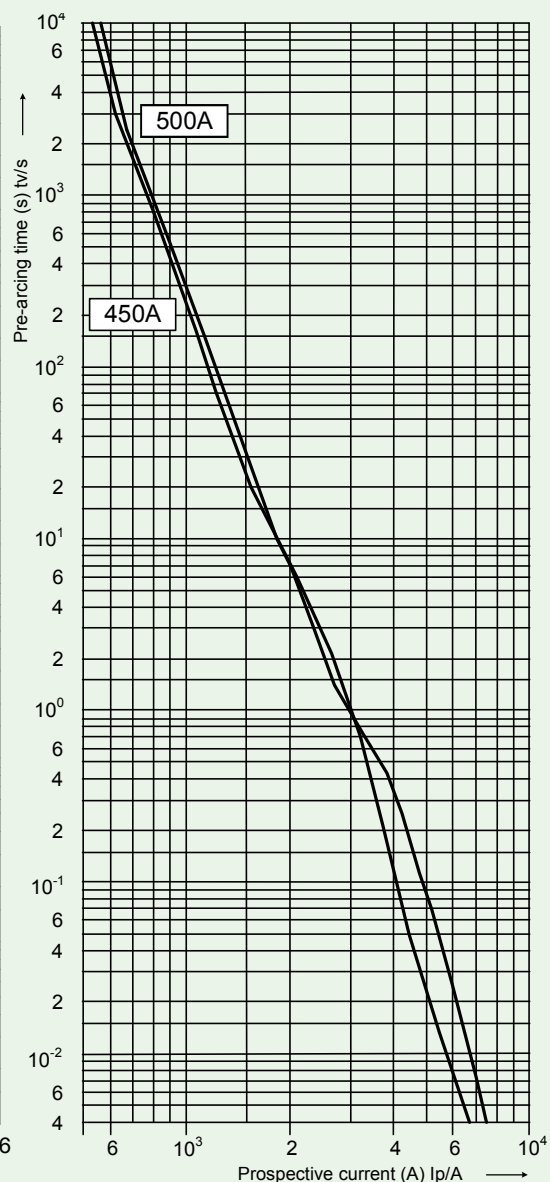
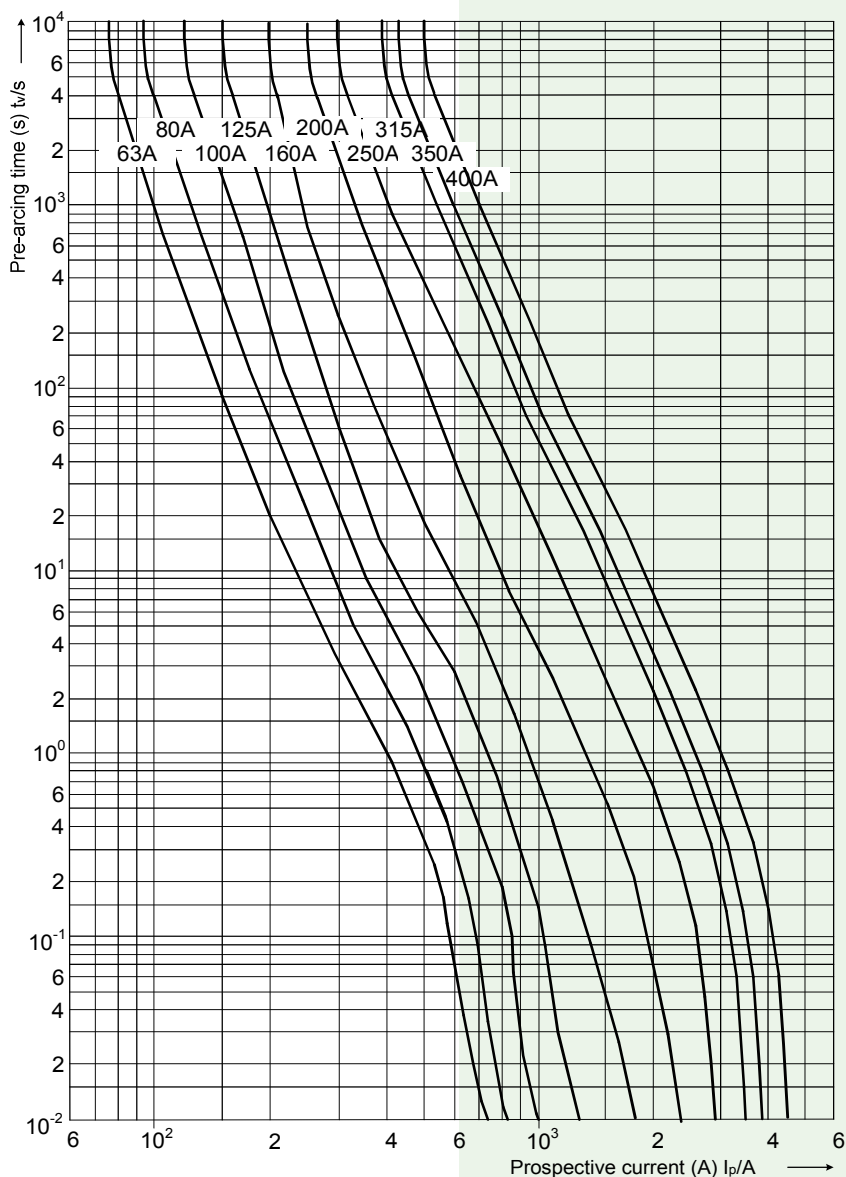


Size	Dimensions [mm]								
	A	B	C	E	G	P	R	M	O
1XL	194	24	40	46	61,5	20,5	13,7	50	52
2XL	209	30	48	54	71	27,3	16,2	59	61
3L	209	37	60	64	82	35,6	17,0	70	74

Picture 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