

NH 01 XL DC 1500V - Fuse-links

NEW!

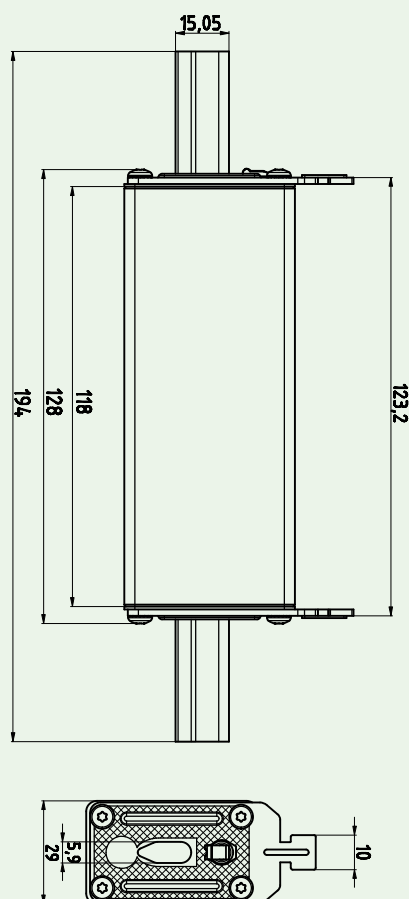
General characteristics

Rated voltage	1500V d.c. (L/R=3ms)
Breaking capacity	30kA d.c.
Standards	IEC 60269-6, UL248-19
Application	Fuse link for DC application. Applied in fuse base PK1XL.

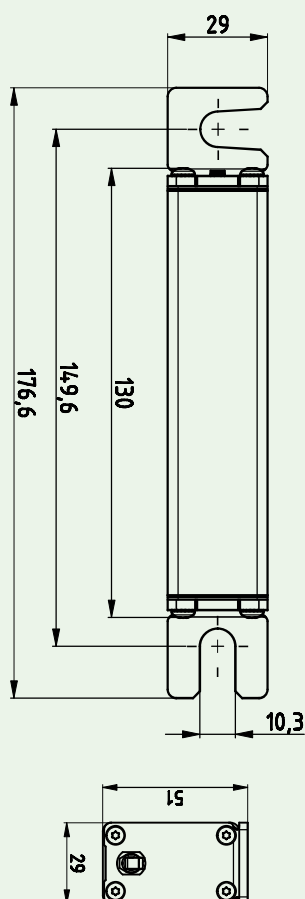


DC 1500V gPV

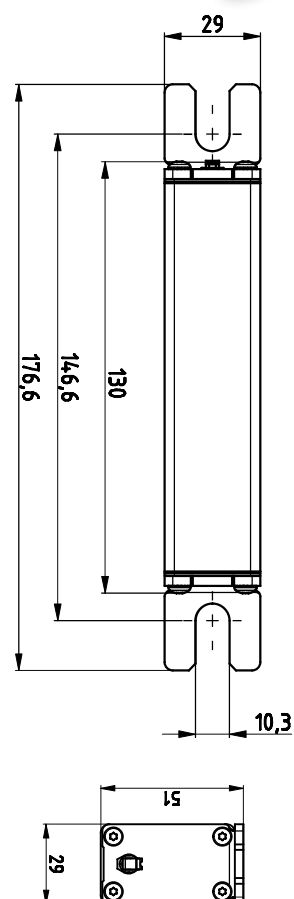
Size	I _n [A]	gPV Standard indicator (pic.1)	gPV S ₁₅₀ screw contact (pic.2)	gPV U ₁₅₀ screw contact (pic.3)	Power dissipation (0,7xI _n) P _d [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 3ms)	Operating Joule integral [I²t] (L/R = 3ms)	Weight [g]	Packaging [pcs]
01XL	50	004110692	004110743	004110749	7	18	500	3.000	350	3/30
	63	004110693	004110744	004110750	8,5	22	1.000	6.000		
	80	004110694	004110745	004110751	9	21	2.000	15.000		
	100	004110695	004110746	004110752	11	29	3.500	25.000		
	125	004110696	004110747	004110753	13	36	4.000	30.000		
	160	004110697	004110748	004110754	17	46	6.000	48.000		



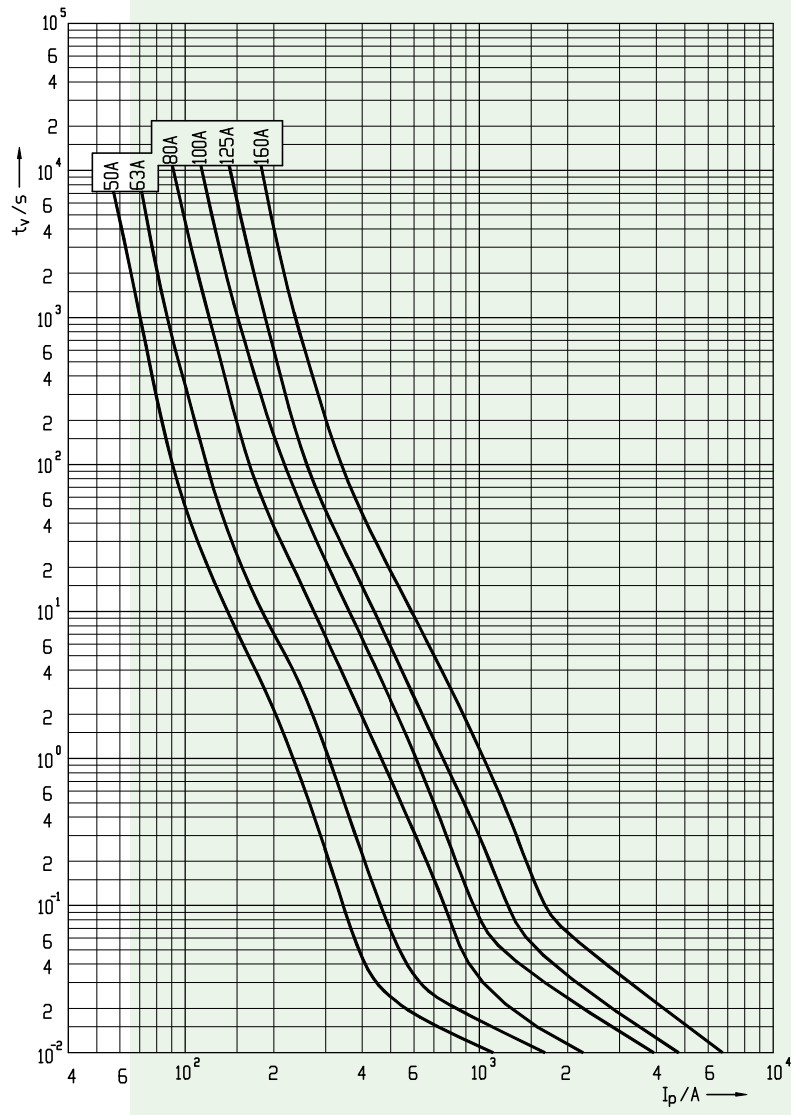
Picture 1



Picture 2



Picture 3



NH 01XL gPV 1500V t-I characteristics

NH DC 1500V - Fuse links

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General characteristics		UL file E347771
Rated voltage	1500V d.c. (L/R=3ms)	
Breaking capacity	30kA d.c. NH1,2XL; 50kA d.c. NH3L	
Standards	IEC 60269-6, UL 248-19	
Application	Fuse link for PV applications. Applied in fuse base PK XL 1500V.	

DC 1500V

Size	I _n [A]	Standard indicator (pic.1)	gPV 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 = 3ms)	Operating Joule integral [I²t] (L/R = 3ms)	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		
2XL	200	004110565*	004110596	004110611	13,7	32,5	22.000	75.000	1350	1/9
	200	004110566*	004110597	004110612	15,9	36	42.000	75.000		
	250	004110567*	004110598	004110613	19,3	44	73.000	132.000		
3L	315	004110630*	004110635	004110640	22,2	57	65.000	300.000	1970	1/9
	350	004110631*	004110636	004110641	23,7	61	75.000	350.000		
	400	004110632*	004110637	004110642	26,8	67	85.000	450.000		
	450	004110633*	004110638	004110643	29	75	130.000	600.000		
	500	004110634*	004110639	004110644	44,3	79	160.000	700.000		

* possible to mount microswitch NV55





General characteristics		UL file E347771
Rated voltage	1500V d.c. (L/R=3ms)	
Breaking capacity	50kA d.c.	
Standards	IEC 60269-6, UL 248-19	
Application	Fuse link for PV applications. Applied in fuse base PK XL 1500V.	

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DC 1500V									
Size	I_n [A]	gPV		Power dis- sipation ($0,7 \times I_n$) P_d [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 3ms)	Operating Joule integral [I²t] (L/R = 3ms)	Weight [g]	Packaging [pcs]
		S_{170} screw contact (pic.4)	U_{170} screw contact (pic.5)						
3L MS	315	004110729	004110734	22,2	57	65.000	300.000	1970	1/9
	350	004110730	004110735	23,7	61	75.000	350.000		
	400	004110731	004110736	26,8	67	85.000	450.000		
	450	004110732	004110737	29	75	130.000	600.000		
	500	004110733	004110738	44,3	79	160.000	700.000		

It is possible to mount microswitch NVS5 to all fuse links in the above table.



General characteristics

UL file E347771

Rated voltage	1500V d.c. (L/R=3ms)
Breaking capacity	70kA d.c. (IEC 60947-3: test sequence IV) / 50kA d.c. (IEC 60269-6), UL 248-19
Standards	IEC 60269-6, IEC 60947-3: test sequence IV, UL 248-19
Application	Fuse link for battery protection applications. Applied in fuse base PK 3L 1500V.



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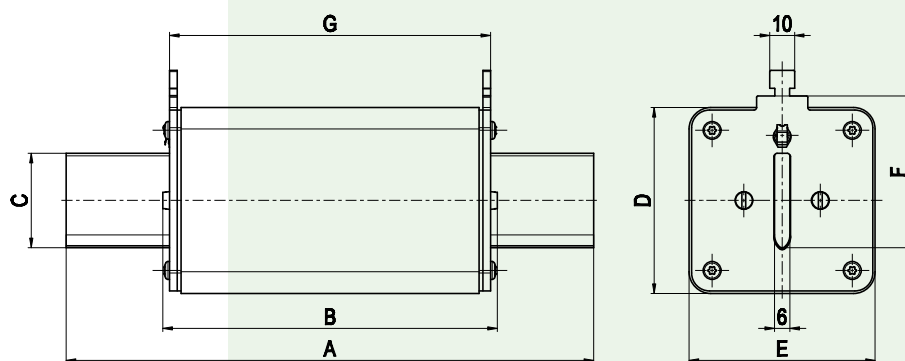
DC 1500V

Size	I _n [A]	Standard indicator (pic.1)	gPV S ₁₇₀ screw contact (pic.2)	U ₁₇₀ screw contact (pic.3)	Power dis- sipation (0,7xI _n) P _d [W]	Power dissipation [W]	Pre-arcing Joule integral [I²t] (L/R = 3ms)	Operating Joule integral [I²t] (L/R = 3ms)	Weight [g]	Packaging [pcs]
3L	315	004110714*	004110719	004110724	22,2	57	65.000	300.000	1970	1/9
	350	004110715*	004110720	004110725	23,7	61	75.000	350.000		
	400	004110716*	004110721	004110726	26,8	67	85.000	450.000		
	450	004110717*	004110722	004110727	29	75	130.000	600.000		
	500	004110718*	004110723	004110728	44,3	79	160.000	700.000		

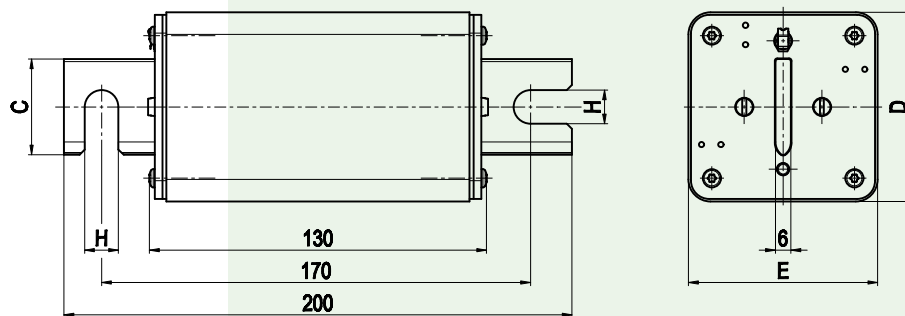
* possible to mount microswitch NV55



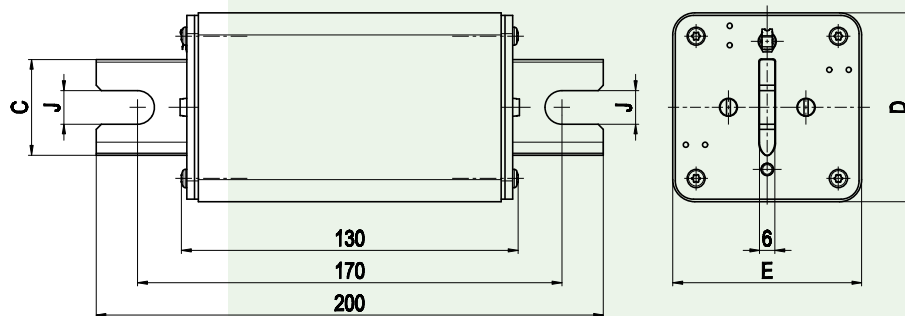
Picture 1



Picture 2

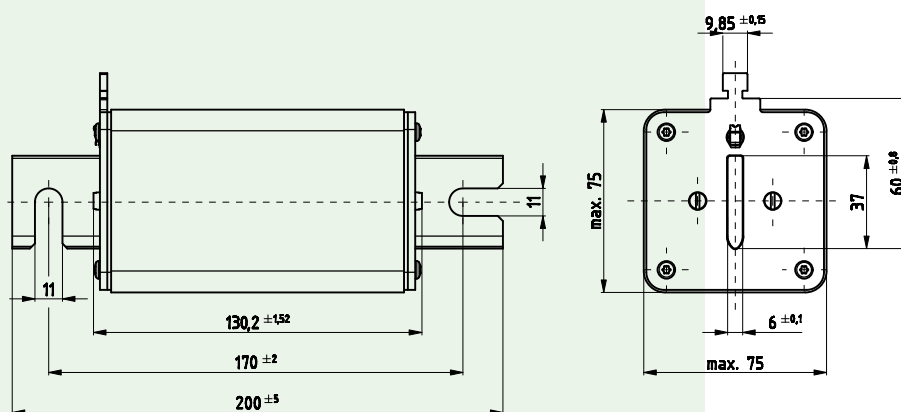


Picture 3

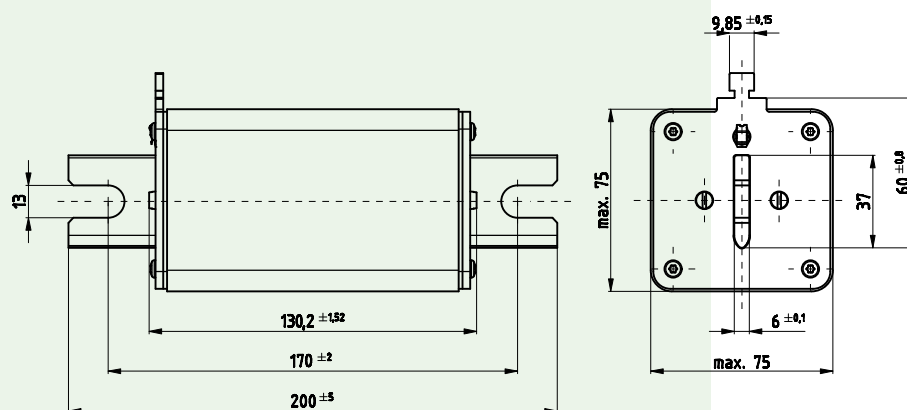


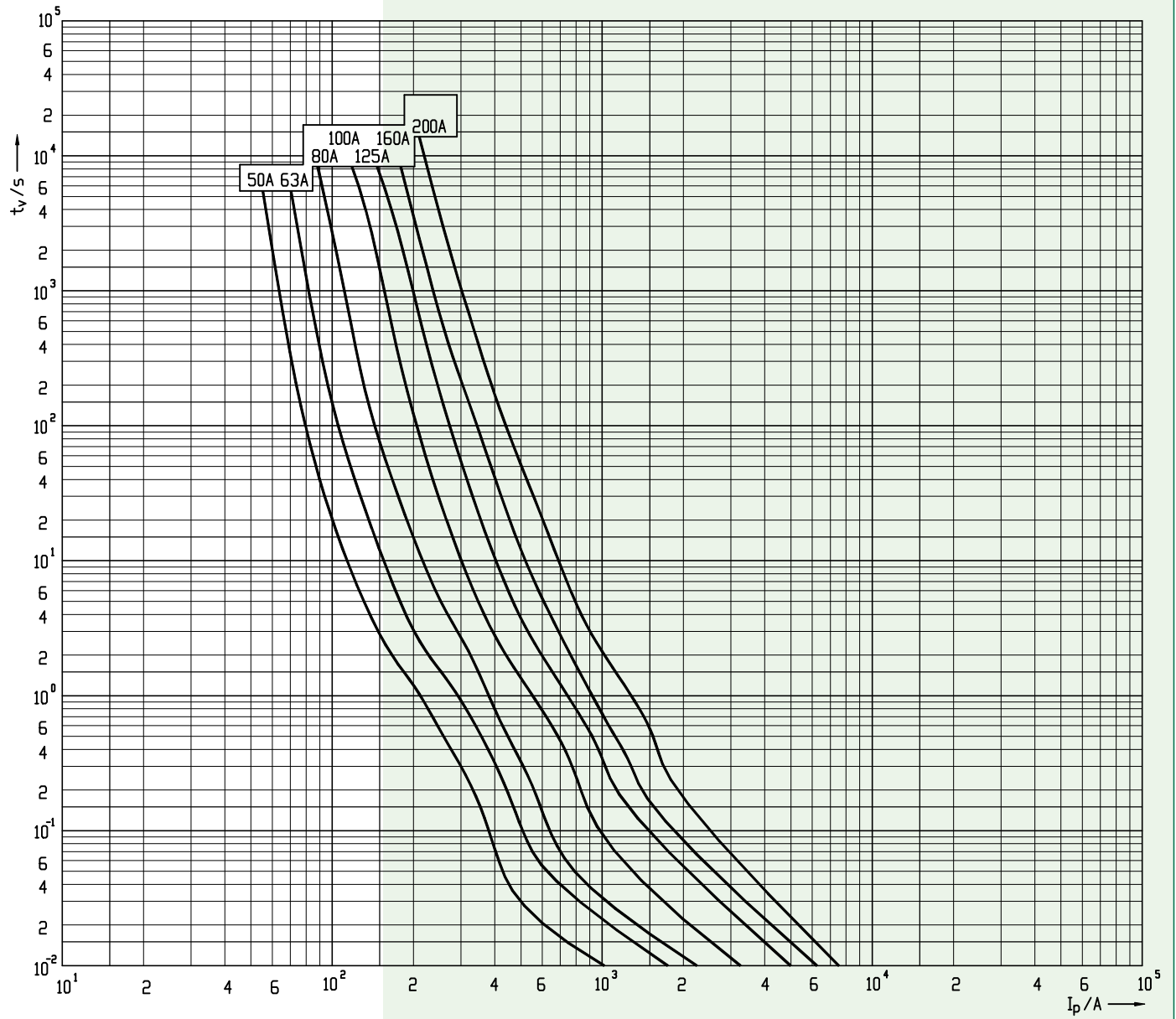
Size	Dimensions [mm]								
	A	B	C	D	E	F	G	H	J
1XL	192	131	24	51	51	43,5	125	11	11
2XL	208	130	30	60	60	48	126	11	13
3L	208	130	37	73	73	60	126	11	13

Picture 4

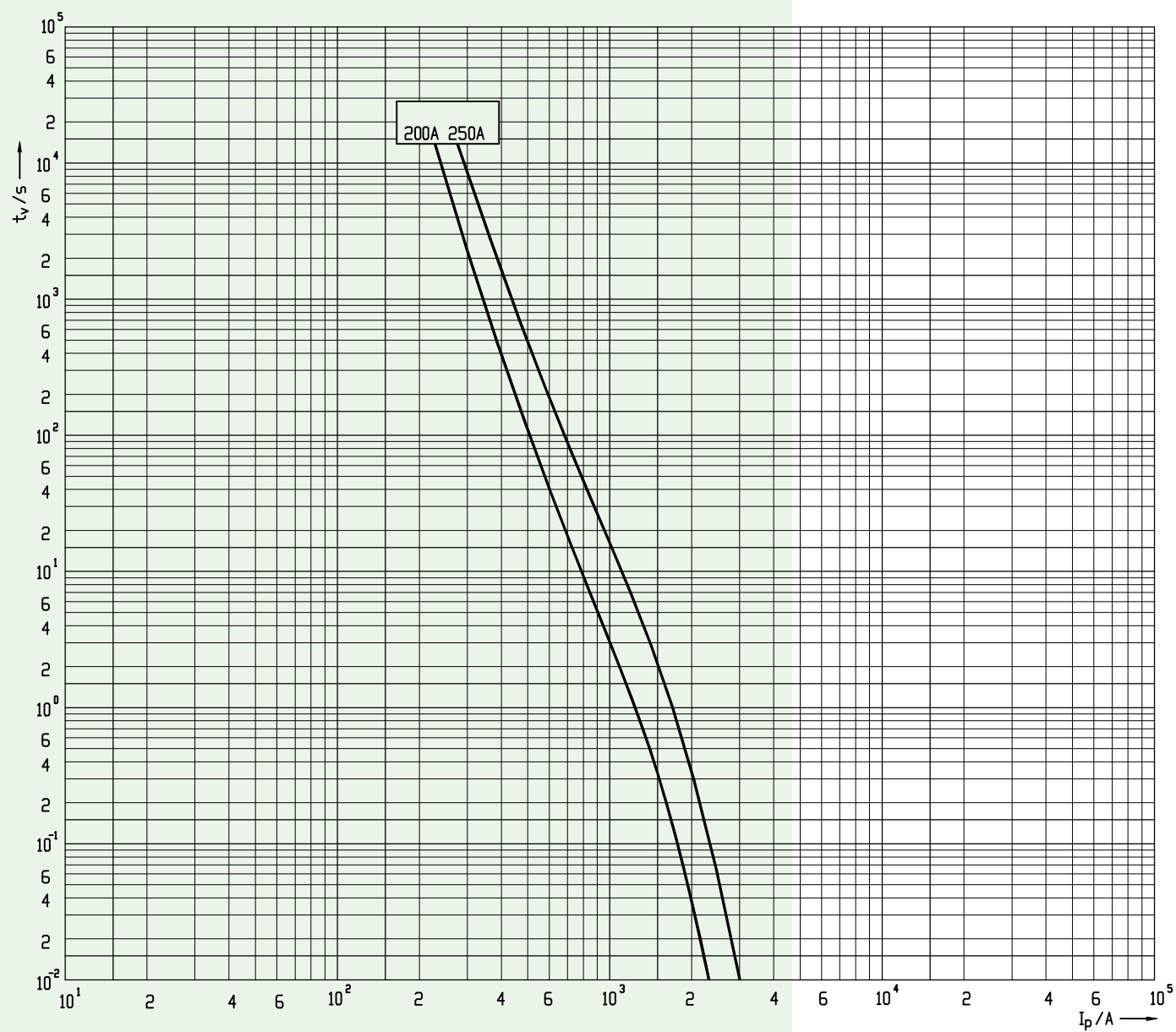


Picture 5

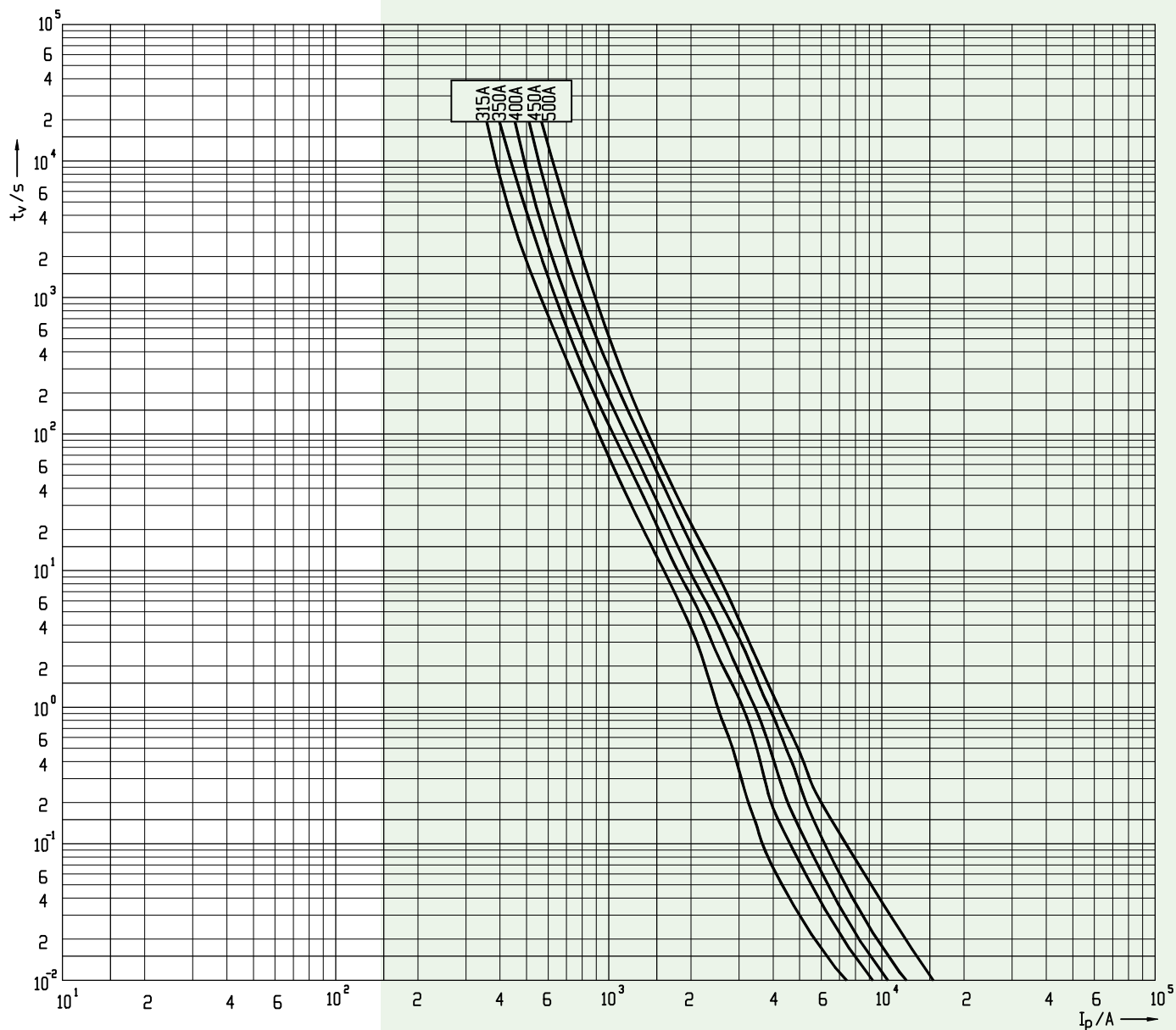




t-I characteristics NH 1XL



t-I characteristics NH 2XL



t-I characteristics NH 3L

315 A							
cut-off	L/R						
I _p /kA	0,1 ms	0,5 ms	1 ms	1,5 ms	2 ms	2,5 ms	3 ms
10	10 kA	9 kA	9 kA	8 kA	8 kA	8 kA	8 kA
20	17 kA	13 kA	12 kA	11 kA	11 kA	10 kA	10 kA
30	22 kA	16 kA	14 kA	13 kA	12 kA	12 kA	12 kA
40	25 kA	19 kA	16 kA	14 kA	14 kA	13 kA	13 kA
50	28 kA	20 kA	17 kA	16 kA	15 kA	14 kA	14 kA
60	30 kA	21 kA	18 kA	17 kA	16 kA	16 kA	15 kA
70	33 kA	22 kA	19 kA	18 kA	17 kA	17 kA	16 kA
80	36 kA	26 kA	23 kA	20 kA	19 kA	19 kA	18 kA
90	38 kA	28 kA	24 kA	22 kA	20 kA	20 kA	19 kA
100	41 kA	30 kA	25 kA	23 kA	21 kA	21 kA	20 kA

350 A							
cut-off	L/R						
I _p /kA	0,1 ms	0,5 ms	1 ms	1,5 ms	2 ms	2,5 ms	3 ms
10	10 kA	10 kA	9 kA	9 kA	9 kA	8 kA	8 kA
20	18 kA	14 kA	13 kA	12 kA	12 kA	11 kA	11 kA
30	23 kA	17 kA	15 kA	14 kA	13 kA	13 kA	12 kA
40	27 kA	19 kA	17 kA	16 kA	15 kA	14 kA	14 kA
50	31 kA	21 kA	18 kA	17 kA	16 kA	16 kA	15 kA
60	32 kA	24 kA	19 kA	18 kA	17 kA	17 kA	16 kA
70	34 kA	25 kA	21 kA	20 kA	19 kA	18 kA	17 kA
80	38 kA	27 kA	24 kA	23 kA	21 kA	20 kA	20 kA
90	40 kA	30 kA	26 kA	24 kA	22 kA	21 kA	21 kA
100	43 kA	32 kA	27 kA	25 kA	23 kA	22 kA	22 kA

400 A							
cut-off	L/R						
Ip/kA	0,1 ms	0,5 ms	1 ms	1,5 ms	2 ms	2,5 ms	3 ms
10	10 kA	10 kA	10 kA	10 kA	9 kA	9 kA	9 kA
20	19 kA	16 kA	14 kA	13 kA	13 kA	12 kA	12 kA
30	24 kA	19 kA	17 kA	16 kA	15 kA	14 kA	14 kA
40	29 kA	21 kA	19 kA	18 kA	16 kA	16 kA	15 kA
50	33 kA	23 kA	21 kA	19 kA	18 kA	17 kA	16 kA
60	36 kA	25 kA	22 kA	20 kA	19 kA	19 kA	18 kA
70	38 kA	28 kA	23 kA	21 kA	20 kA	20 kA	19 kA
80	41 kA	30 kA	26 kA	25 kA	24 kA	23 kA	22 kA
90	45 kA	33 kA	29 kA	27 kA	25 kA	24 kA	23 kA
100	48 kA	35 kA	30 kA	28 kA	26 kA	25 kA	24 kA

450 A							
cut-off	L/R						
Ip/kA	0,1 ms	0,5 ms	1 ms	1,5 ms	2 ms	2,5 ms	3 ms
10	10 kA	10 kA	10 kA	10 kA	9 kA	9 kA	9 kA
20	20 kA	17 kA	16 kA	15 kA	14 kA	13 kA	13 kA
30	26 kA	21 kA	19 kA	18 kA	17 kA	16 kA	15 kA
40	32 kA	24 kA	21 kA	20 kA	18 kA	18 kA	17 kA
50	36 kA	27 kA	24 kA	22 kA	20 kA	19 kA	18 kA
60	41 kA	29 kA	25 kA	23 kA	22 kA	21 kA	19 kA
70	44 kA	32 kA	27 kA	25 kA	23 kA	22 kA	22 kA
80	48 kA	35 kA	30 kA	29 kA	27 kA	26 kA	25 kA
90	52 kA	37 kA	33 kA	30 kA	28 kA	27 kA	26 kA
100	55 kA	40 kA	35 kA	31 kA	29 kA	28 kA	27 kA

500 A							
cut-off	L/R						
Ip/kA	0,1 ms	0,5 ms	1 ms	1,5 ms	2 ms	2,5 ms	3 ms
10	10 kA	10 kA	10 kA	10 kA	9 kA	9 kA	9 kA
20	20 kA	17 kA	16 kA	15 kA	14 kA	14 kA	13 kA
30	28 kA	23 kA	20 kA	18 kA	17 kA	17 kA	16 kA
40	35 kA	27 kA	23 kA	21 kA	20 kA	19 kA	18 kA
50	40 kA	30 kA	26 kA	24 kA	22 kA	21 kA	20 kA
60	47 kA	33 kA	28 kA	26 kA	24 kA	23 kA	21 kA
70	50 kA	35 kA	30 kA	28 kA	26 kA	24 kA	23 kA
80	55 kA	39 kA	34 kA	31 kA	30 kA	28 kA	27 kA
90	59 kA	41 kA	36 kA	33 kA	32 kA	31 kA	29 kA
100	61 kA	44 kA	39 kA	35 kA	33 kA	32 kA	30 kA

