

General Purpose IEC Fuses



NH Fuses (Plain Blades)
gG 400V, 500V, 690V
aM 500V, 690V

NH Fuse System



DIN 57 636/VDE 0636 Parts 1, 10, 21, 22, 201
IEC 60269-2
DIN 43 620 Parts 1 to 4 (Standard dimensions)

The use category is identified by two letters, the first indicating the operational class and the second the object to be protected. The Ferraz shawmut range includes fuse-links to DIN VDE 0636 standard for the following uses categories:

- gG: general purpose cable and line protection
- aM: Partial purpose, motor circuit protection
- gTr: general purpose, transformer protection
- gR: general purpose, fast acting
- aR: partial purpose, fast acting

Classification

The NH system is classed among plug-in fuse systems and is comprised of:

- fuse-base, (possibly including terminal covers and phase barriers)
- fuse-link with blade contact
- fuse-link replacement device (LV HRC fuse puller)

Since the design of this system cannot guarantee non-interchangeability of rated current, it must be handled by a qualified professional.

Approval symbols



Germany



Austria



Switzerland



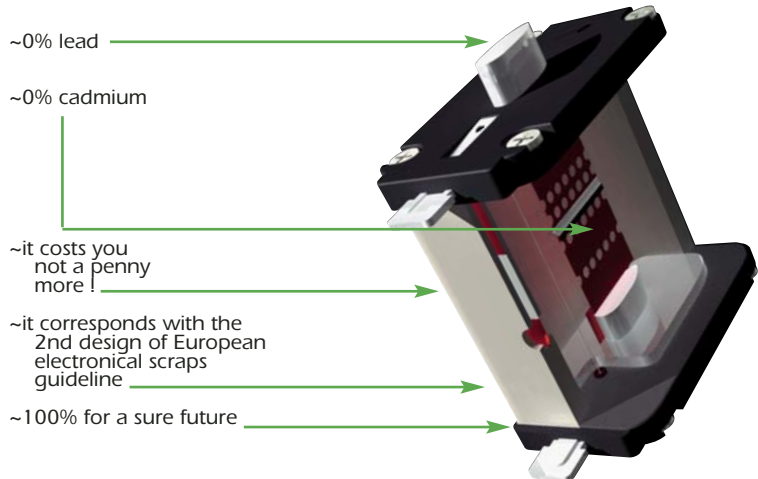
Netherlands



Beige melted



Red non melted



General Purpose IEC Fuses



NH Fuses (Plain Blades) aM 500V, 690V aM 500V Size 000 to 4a



Cd/Pb-free

NH-fuses, 500VAC aM

with non-isolated gripping lugs, double indicator, contact blades, complying with DIN VDE 0636 Part 201 and IEC 60269-2-1

Size	Rated current I _N (A)	Power dissipation (W)	FS ref.-no.	Previous ref.	Micro- switch ⁽¹⁾	weight kg/pce	pack.	Catalog Number
000	2	0,1	K232493	2B613.	Y	0,13	3	NH000AM50V2
000	4	0,2	L232494	2B619.	Y	0,13	3	NH000AM50V4
000	6	0,3	M232495	2B623.	Y	0,13	3	NH000AM50V6
000	10	0,5	N232496	2B631.	Y	0,13	3	NH000AM50V10
000	16	0,7	P232497	2B635.	Y	0,13	3	NH000AM50V16
000	20	0,9	Q232498	2B637.	Y	0,13	3	NH000AM50V20
000	25	1,2	R232499	2B639.	Y	0,13	3	NH000AM50V25
000	32	1,5	S232500	2B643.	Y	0,13	3	NH000AM50V32
000	35	1,6	T232501	2B645.	Y	0,13	3	NH000AM50V35
000	40	1,8	V232502	2B647.	Y	0,13	3	NH000AM50V40
000	50	2,3	W232503	2B651.	Y	0,13	3	NH000AM50V50
000	63	2,9	X232504	2B655.	Y	0,13	3	NH000AM50V63
000	80	3,6	C227863	2B659.	Y	0,13	3	NH000AM50V80
00	100	5,8	Y232505	2B763.	Y	0,20	3	NH00AM50V100
00	125	6,4	Z232506	2B765.	Y	0,20	3	NH00AM50V125
00	160	7,9	J227869	2B769.	Y	0,20	3	NH00AM50V160
0	100	6,0	A232507	2B063.	Y	0,26	3	NH0AM50V100
0	125	7,9	B232508	2B065.	Y	0,26	3	NH0AM50V125
0	160	10,5	C232509	2B069.	Y	0,26	3	NH0AM50V160
0	200	11,8	A227884	2B071.	Y	0,26	3	NH0AM50V200
1	100	5,8	D232510	2B163.	Y	0,42	3	NH1AM50V100
1	125	7,5	E232511	2B165.	Y	0,42	3	NH1AM50V125
1	160	10,4	F232512	2B169.	Y	0,42	3	NH1AM50V160
1	200	14,2	G232513	2B171.	Y	0,42	3	NH1AM50V200
1	224	15,8	H232514	2B173.	Y	0,42	3	NH1AM50V224
1	250	17,5	J232515	2B175.	Y	0,42	3	NH1AM50V250
1	315	22,1	K227962	2B179.	Y	0,42	3	NH1AM50V315
2	250	16,8	K232516	2B275.	Y	0,64	3	NH2AM50V250
2	315	23,1	L232517	2B279.	Y	0,64	3	NH2AM50V315
2	355	26,4	M232518	2B281.	Y	0,64	3	NH2AM50V355
2	400	29,7	N232519	2B283.	Y	0,64	3	NH2AM50V400
2	500	34,4	C227978	2B287.	Y	0,64	3	NH2AM50V500
3	315	21,0	P232520	2B379.	Y	1,05	1	NH3AM50V315
3	355	23,3	Q232521	2B381.	Y	1,05	1	NH3AM50V355
3	400	29,1	R232522	2B383.	Y	1,05	1	NH3AM50V400
3	425	29,1	S232523	2B385.	Y	1,05	1	NH3AM50V425
3	450	34,0	T232524	2B386.	Y	1,05	1	NH3AM50V450
3	500	42,0	V232525	2B387.	Y	1,05	1	NH3AM50V500
3	630	42,0	M227987	2B389.	Y	1,05	1	NH3AM50V630
with screw contact								
4	400	26,0	*) P233555	8004.400505	N	2,18	1	NH4AM50V400-8
4	500	38,0	*) Q233556	8004.500505	N	2,18	1	NH4AM50V500-8
4	630	50,0	*) E222115	8004.630505	N	2,18	1	NH4AM50V630-8
4	800	65,0	*) V222865	8004.800505	N	2,18	1	NH4AM50V800-8
4	1000	80,0	*) S219137	8004.100505	N	2,18	1	NH4AM50V1000-8
4	1250	110,0	*) V219668	8004.125505	N	2,21	1	NH4AM50V1250-8
contact blades for NH-bottom size 4a with swivel unit								
4a	500	38,0	*) R233557	8014.500505	N	2,00	1	NH4AAM50V500-8
4a	630	50,0	*) S233558	8014.630505	N	2,00	1	NH4AAM50V630-8
4a	800	65,0	*) T233559	8014.800505	N	2,00	1	NH4AAM50V800-8
4a	1000	80,0	*) V233560	8014.100505	N	2,00	1	NH4AAM50V1000-8
4a	1250	110,0	*) W233561	8014.125505	N	2,00	1	NH4AAM50V1250-8

*) with indicator on top

(1) Suitable for Microswitch describes page 106

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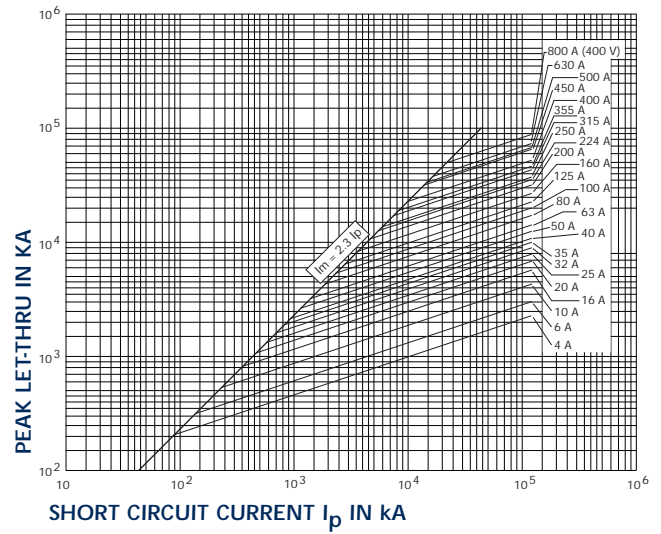
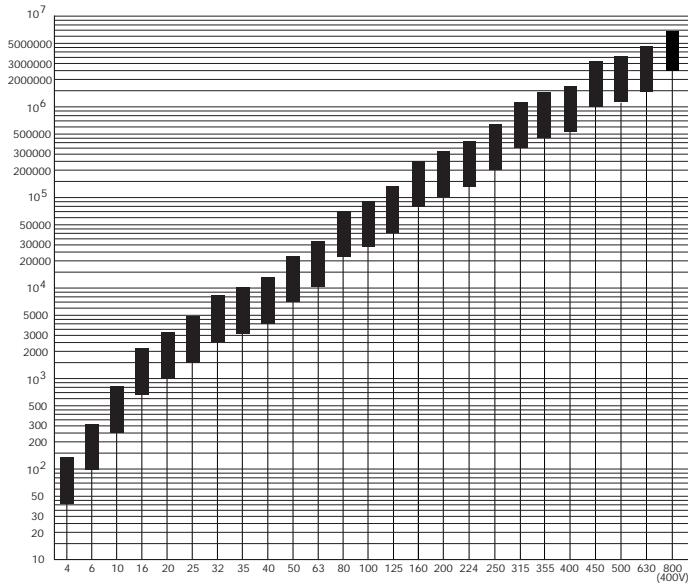
NH Fuses (Plain Blades)
aM 500V, 690V
aM Curves Set



NH-fuses, 500VAC aM

Current Limitation Curves

Total Clearing I²t



Time VS. Current Characteristics

