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NH00 aR

HIGH-SPEED BLADE-TYPE FUSE LINK / 160A / AC 500/690V

The NewTrend NH00 aR fuse link is a blade-type high-speed fuse for low-voltage protection assemblies. The illustrated 160A unit carries separate AC breaking-capacity ratings: 120kA at 500V AC and 50kA at 690V AC. The NH00 aR series current range is 20-315A.



Model	NH00
Product type	NH blade-type high-speed fuse link
Class of operation	aR
Illustrated rated current	160A
Series current range	20-315A
AC voltage options	500V / 690V
Breaking capacity	120kA at 500V AC / 50kA at 690V AC
Standard marking	IEC 60269
Frame size	00

Electrical configurations

Current	Voltage	Class	Breaking capacity
160A	500V AC	aR	120kA
160A	690V AC	aR	50kA

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Product views and markings

NH00 aR / ORIGINAL PRODUCT PHOTOGRAPHY







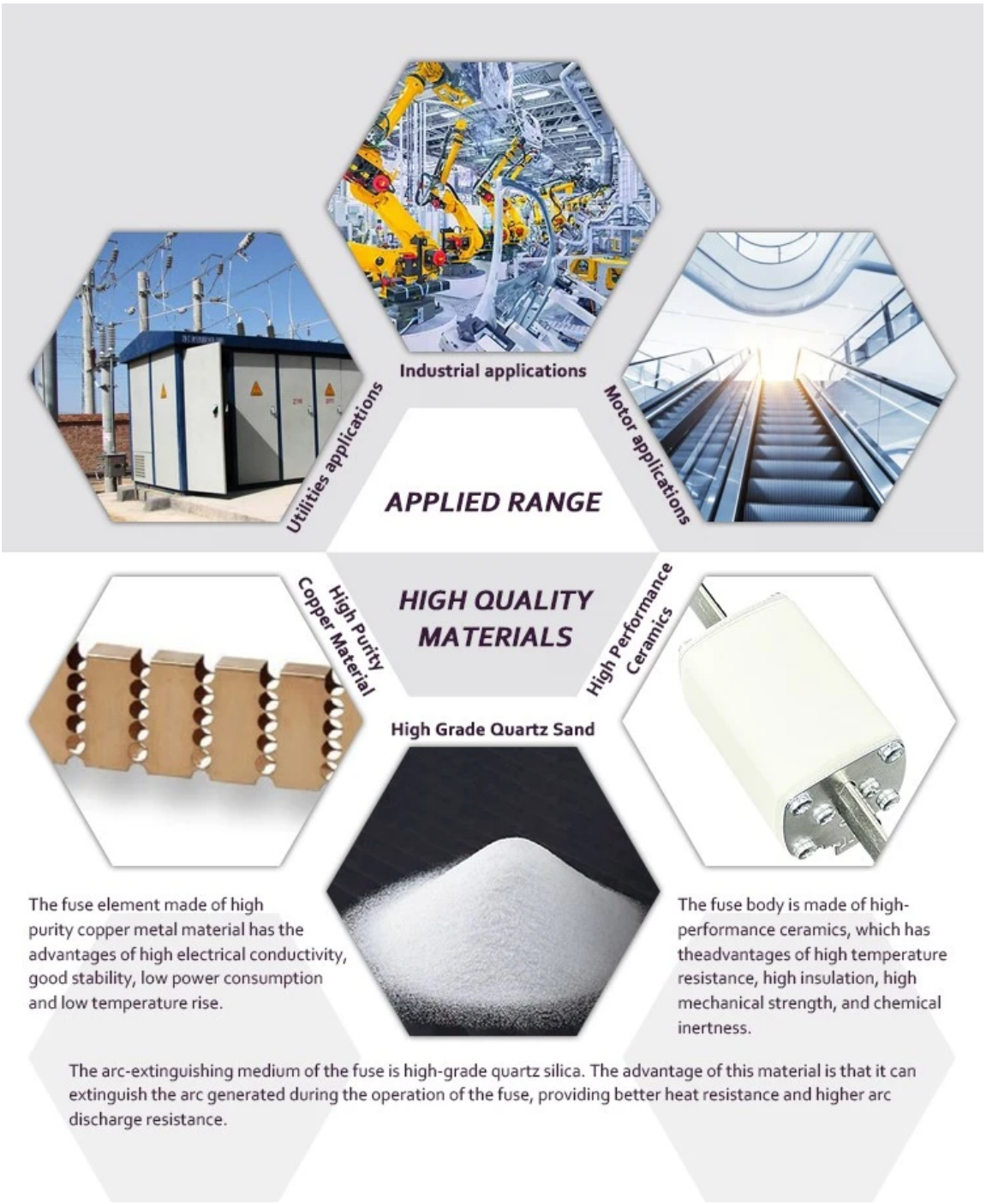


Illustrated configuration: NH00, aR 160A. The original 500V AC / 120kA and 690V AC / 50kA ratings, IEC 60269 marking and blade-contact geometry are retained.

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Materials and applications

NH00 aR / COPPER ELEMENT, QUARTZ FILLING AND CERAMIC BODY

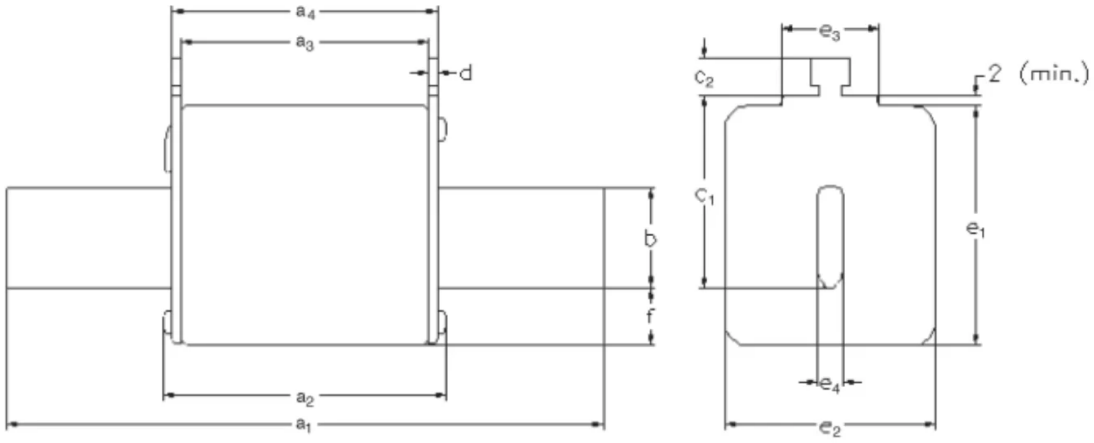


For ordering, specify NH00, aR, required rated current, AC voltage, quantity and compatible base dimensions. The 160A nameplate configuration is detailed on page 1.

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Frame dimensions

NH00 aR / SIZE 00 / DIMENSIONS IN MILLIMETRES



Size	a1	a2 (max)	a3	a4	b	c1	c2	d	e1 (max)	e2 (max)	e3 (max)	e4	f (max)
000	78.5	53	45.4	49.1	15	35	9.5	1.9	43	21	17	6	7.5
00	76.5	52.6	45.7	49.7	15	34.7	10	1.5	44.5	28.5	18	6	13
1	134	71	62	66	20	40	10.2	2	49	48	18.5	6	11.8
2	149	72	62.5	67	25	46.3	10	2.3	58.5	58.5	18	6	14
3	150	71	62	68	32	60.5	10	3	68	68	18	6	15.5

Size 00 dimensional values

a1	76.5mm	a2 (max)	52.6mm
a3	45.7mm	a4	49.7mm
b	15mm	c1	34.7mm
c2	10mm	d	1.5mm
e1 (max)	44.5mm	e2 (max)	28.5mm
e3 (max)	18mm	e4	6mm
f (max)	13mm		

Keep the voltage and breaking-capacity pairs on page 1 together. Select the matching aR duty and coordinate with the remaining circuit protection.

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