

NH Dimension Fuses AM17B 690V: 4-630A



Description

Type aM NH fuse-links are partial-range breaking capacity fuse-links, used to protect motor circuits as they are strongly current-limiting and have low power losses. They are only suited for short-circuit protection. They must be associated with other switchgear for protection against overloads.

Ratings

Volts: 690 VAC
 Amps: 4 - 630 A
 I.R. AC: 120 KA
 Speed/Characteristic: aM
 Material Body: Ceramic
 Contact Materials: Silver plated copper
 Environmental RoHS Compliant

Standards

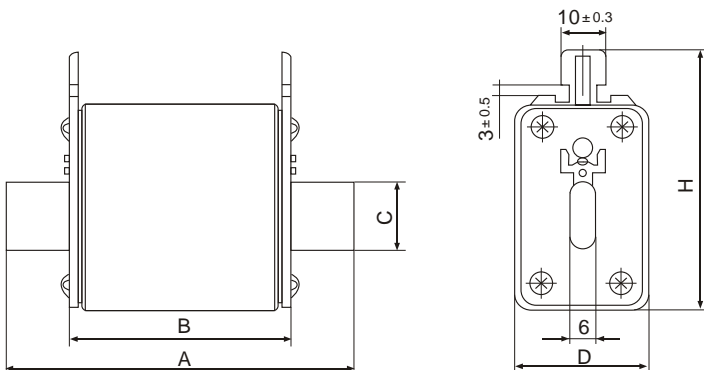
IEC 60269-1
 IEC 60269-2

Features and Benefits

Lead free contact blades
 Excellent time-delay capability
 The safest and most reliable protection system

Typical Applications

aM type for protection of motors, transformers and other loads with inrush currents.



Dimensions (mm)

Size	Amp	A	B	C	D	H
00C	4-100A	78.5	49.5	15	21	52.5
00	10-160A	78	50.5	15	30	60
0	6-160A	125	67	15	30	60
01	32-250A	135	67	20	46	58.5
02	80-400A	150	68	30	58.5	68.5
03	160-630A	150	68	36	70	82

1mm = 0.0394" / 1" = 25.4mm

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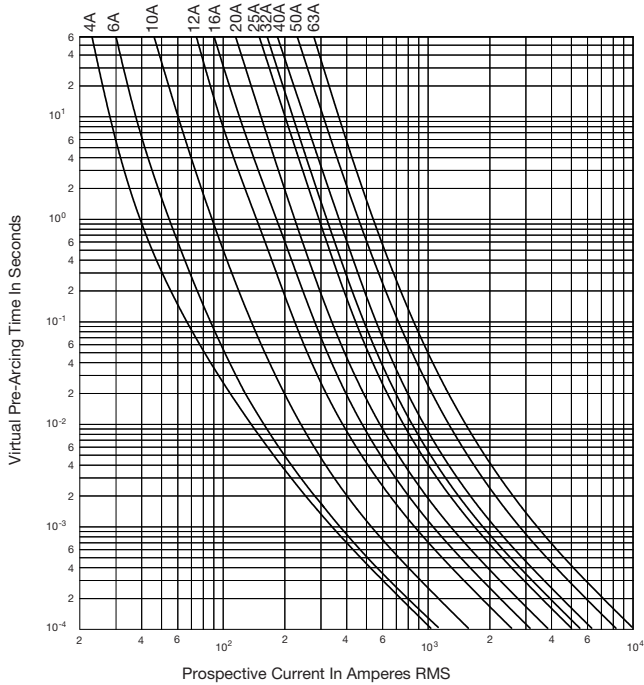
Catalog Numbers

Size	Electrical Characteristics		Ordering Information		
	Rated Current	Watts Loss	Part Number	Carton Qty.	weight
00C	4	0.2W	AM17B00C-4A	3	132g
	6	0.3W	AM17B00C-6A		
	8	0.4W	AM17B00C-8A		
	10	0.5W	AM17B00C-10A		
	12	0.6W	AM17B00C-12A		
	16	0.7W	AM17B00C-16A		
	20	0.9W	AM17B00C-20A		
	25	1.2W	AM17B00C-25A		
	32	1.5W	AM17B00C-32A		
	40	1.8W	AM17B00C-40A		
	50	2.3W	AM17B00C-50A		
	63	2.9W	AM17B00C-63A		
	80	3.6W	AM17B00C-80A		
	100	5.2W	AM17B00C-100A		
00	10	0.5W	AM17B00-10A	5	132g
	16	0.7W	AM17B00-16A		
	20	0.9W	AM17B00-20A		
	25	1.2W	AM17B00-25A		
	32	1.5W	AM17B00-32A		
	40	1.8W	AM17B00-40A		
	50	2.3W	AM17B00-50A		
	63	2.9W	AM17B00-63A		
	80	3.6W	AM17B00-80A		
	100	5.2W	AM17B00-100A		
	125	6.4W	AM17B00-125A		
0	6	0.3W	AM17B0-6A	5	180g
	8	0.4W	AM17B0-8A		
	10	0.5W	AM17B0-10A		
	12	0.6W	AM17B0-12A		
	16	0.8W	AM17B0-16A		
	20	1.0W	AM17B0-20A		
	25	1.3W	AM17B0-25A		
	32	1.6W	AM17B0-32A		
	40	2.0W	AM17B0-40A		
	50	2.8W	AM17B0-50A		
	63	3.4W	AM17B0-63A		
	80	4.9W	AM17B0-80A		
	100	6.0W	AM17B0-100A		
125	7.9W	AM17B0-125A			
160	10.5W	AM17B0-160A			
01	32	1.9W	AM17B01-32A	3	447g
	40	2.3W	AM17B01-40A		
	50	2.9W	AM17B01-50A		
	63	3.6W	AM17B01-63A		
	80	4.6W	AM17B01-80A		
	100	5.8W	AM17B01-100A		
	125	7.5W	AM17B01-125A		
	160	10.4W	AM17B01-160A		
	200	14.2W	AM17B01-200A		
	225	15.8W	AM17B01-225A		
	250	17.5W	AM17B01-250A		
02	80	4.4W	AM17B02-80A	1	727g
	100	5.5W	AM17B02-100A		
	125	6.4W	AM17B02-125A		
	160	9.3W	AM17B02-160A		
	200	11.3W	AM17B02-200A		
	225	12.2W	AM17B02-225A		
	250	16.8W	AM17B02-250A		
	300	21.0W	AM17B02-300A		
	315	23.1W	AM17B02-315A		
355	26.4W	AM17B02-355A			
03	160	9.3W	AM17B03-160A	1	975g
	200	11.3W	AM17B03-200A		
	225	12.2W	AM17B03-225A		
	250	14.6W	AM17B03-250A		
	300	21.0W	AM17B03-300A		
	315	21.5W	AM17B03-315A		
	355	23.3W	AM17B03-355A		
	400	29.1W	AM17B03-400A		
	425	29.1W	AM17B03-425A		
	500	42.0W	AM17B03-500A		
630	50.0W	AM17B03-630A			

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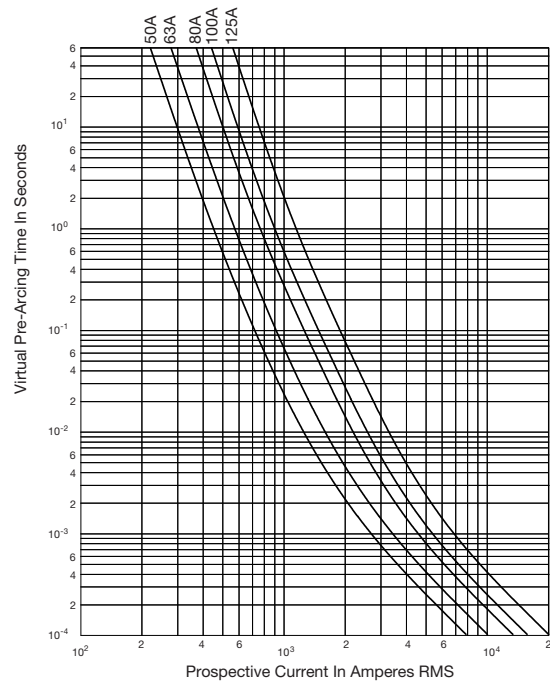
AM17B00C 690V: 4-100A

Time-Current Curve

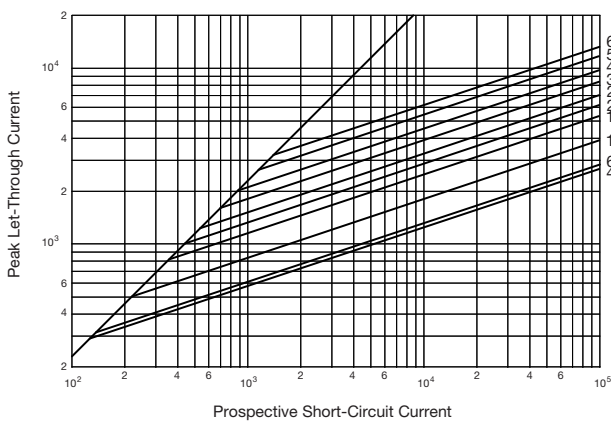


AM17B00 690V: 10-160A

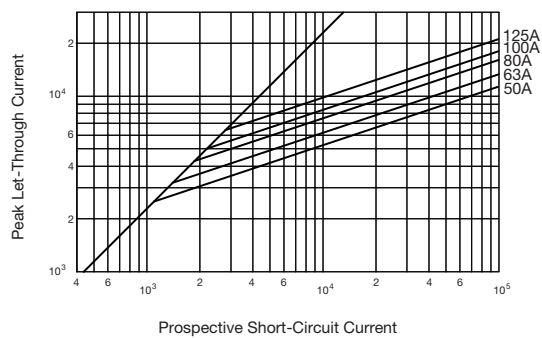
Time-Current Curve



Peak Let-Through Curve



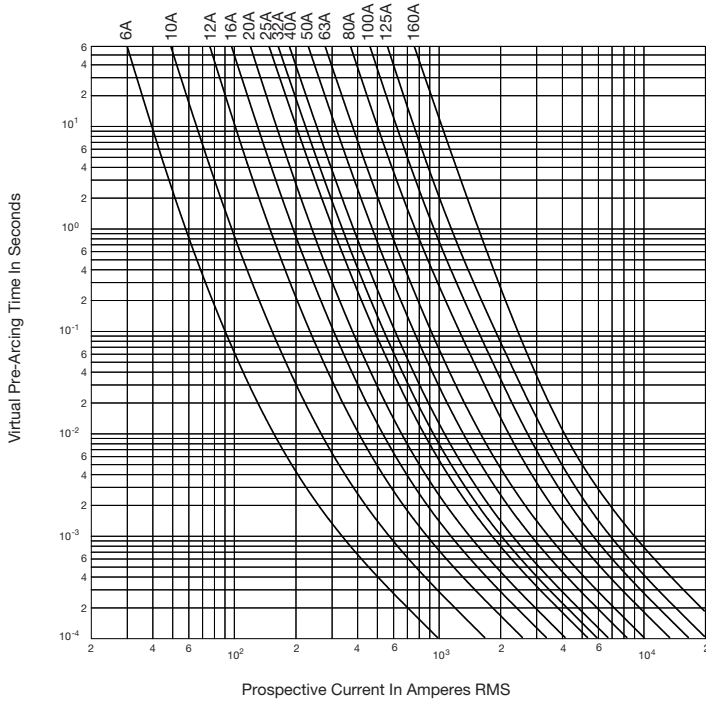
Peak Let-Through Curve



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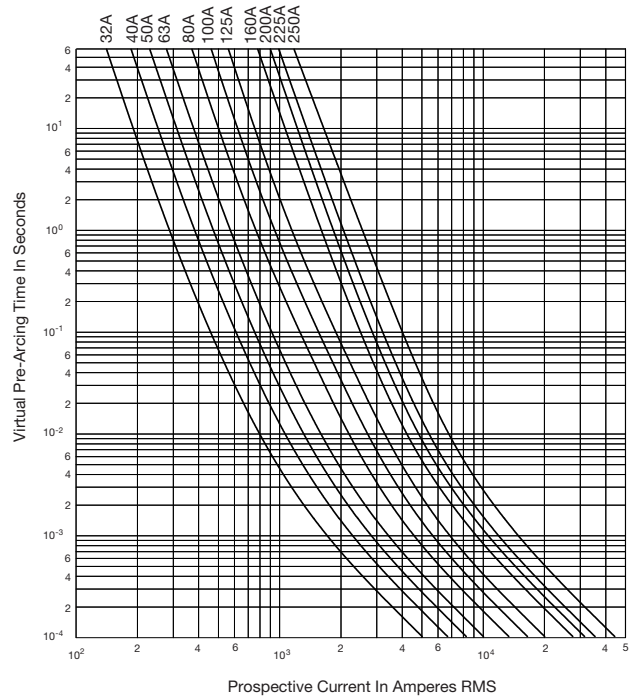
AM17B0 690V: 6-160A

Time-Current Curve

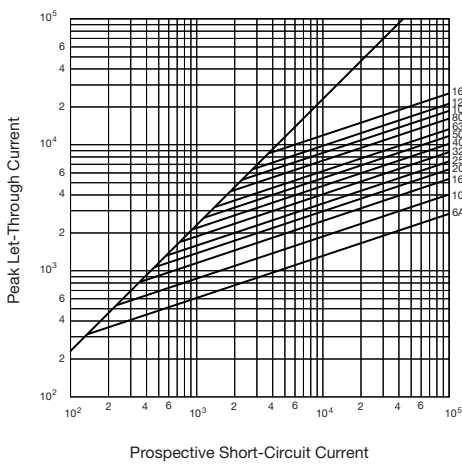


AM17B01 690V: 32-250A

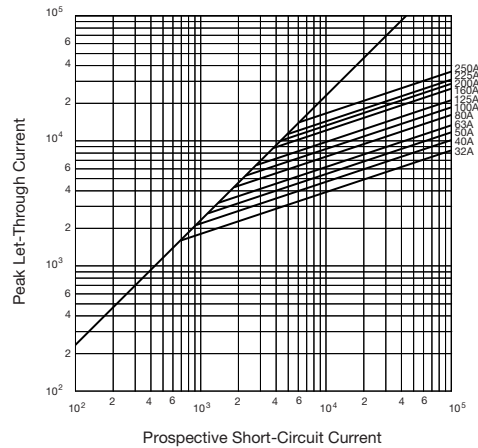
Time-Current Curve



Peak Let-Through Curve



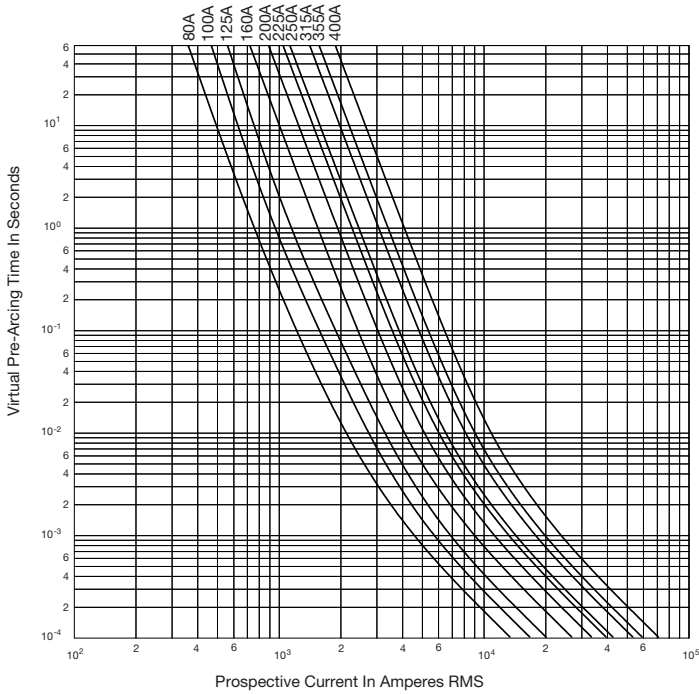
Peak Let-Through Curve



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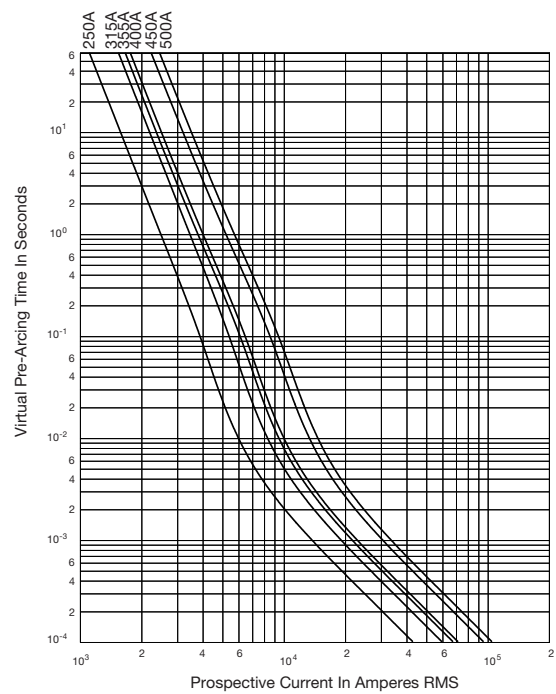
AM17B02 690V: 80-400A

Time-Current Curve

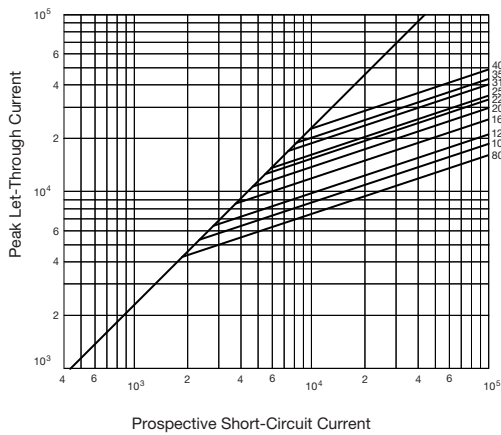


AM17B03 690V: 160-630A

Time-Current Curve



Peak Let-Through Curve



Peak Let-Through Curve

