

NH Dimension Fuses AG17B 690V: 4-630A



Description

Type gG NH fuse-links are full range breaking capacity fuse-links and are used to protect cables and equipment. They can interrupt any current surge, from the lowest fusing current up to their breaking capacity, and so can be used alone as protection. They also protect electrical devices and industrial set-ups from the electrodynamic effects of very high short-circuit currents.

Ratings

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

Standards

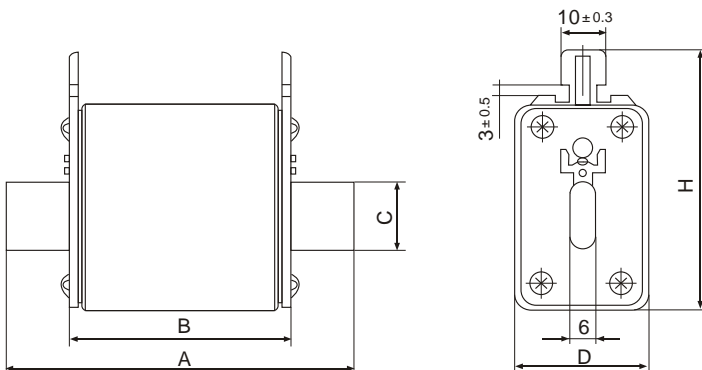
IEC 60269-1
 IEC 60269-2

Features and Benefits

Full range protection
 Lead free contact blades
 Visual indication of fuse operation
 Safest and most reliable protection system

Typical Applications

gG type for protection of line, cable against overload and short circuit in various industrial application and electrical distribution circuits.



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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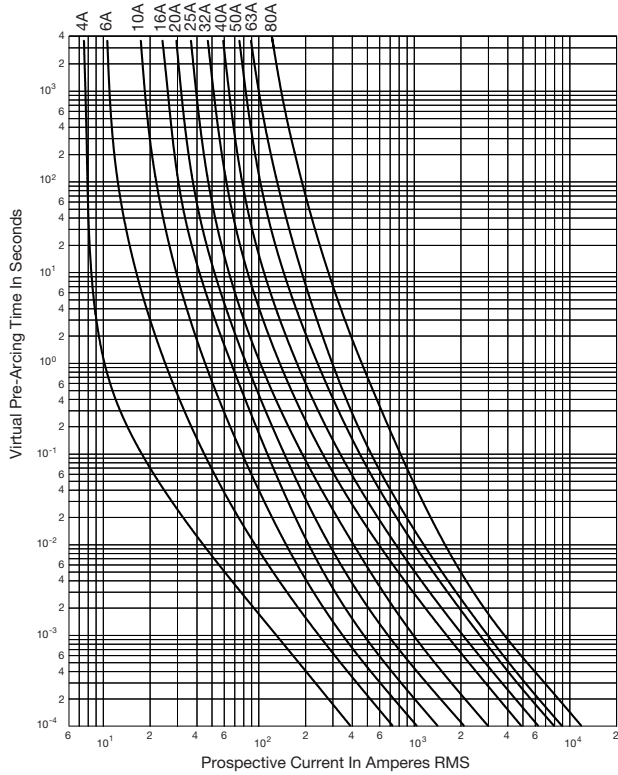
Catalog Numbers

Electrical Characteristics				Ordering Information	
Size	Rated Current	Watts Loss	Part Number	Carton Qty.	weight
00C	4	1.0W	AG17B00C-4A	3	132g
	6	1.2W	AG17B00C-6A		
	8	1.3W	AG17B00C-8A		
	10	1.5W	AG17B00C-10A		
	12	2.0W	AG17B00C-12A		
	16	2.2W	AG17B00C-16A		
	20	2.3W	AG17B00C-20A		
	25	2.8W	AG17B00C-25A		
	32	3.7W	AG17B00C-32A		
	40	4.0W	AG17B00C-40A		
	50	4.5W	AG17B00C-50A		
	63	4.9W	AG17B00C-63A		
80	6.3W	AG17B00C-80A			
100	7.4W	AG17B00C-100A			
00	10	1.7W	AG17B00-10A	5	132g
	16	2.4W	AG17B00-16A		
	20	2.5W	AG17B00-20A		
	25	3.0W	AG17B00-25A		
	32	3.8W	AG17B00-32A		
	40	4.2W	AG17B00-40A		
	50	4.6W	AG17B00-50A		
	63	5.0W	AG17B00-63A		
	80	6.4W	AG17B00-80A		
	100	7.7W	AG17B00-100A		
	125	10.3W	AG17B00-125A		
	160	11.7W	AG17B00-160A		
0	6	1.4W	AG17B0-6A	5	180g
	8	1.5W	AG17B0-8A		
	10	1.7W	AG17B0-10A		
	12	2.1W	AG17B0-12A		
	16	3.0W	AG17B0-16A		
	20	3.2W	AG17B0-20A		
	25	3.3W	AG17B0-25A		
	32	4.8W	AG17B0-32A		
	40	4.7W	AG17B0-40A		
	50	5.6W	AG17B0-50A		
	63	6.3W	AG17B0-63A		
	80	7.1W	AG17B0-80A		
100	7.8W	AG17B0-100A			
125	10.5W	AG17B0-125A			
160	11.8W	AG17B0-160A			
01	32	4.8W	AG17B01-32A	3	447g
	40	5.0W	AG17B01-40A		
	50	6.7W	AG17B01-50A		
	63	7.0W	AG17B01-63A		
	80	7.3W	AG17B01-80A		
	100	7.9W	AG17B01-100A		
	125	11.6W	AG17B01-125A		
	160	12.3W	AG17B01-160A		
	200	15.0W	AG17B01-200A		
	225	16.0W	AG17B01-225A		
250	19.0W	AG17B01-250A			
02	80	7.0W	AG17B02-80A	1	727g
	100	8.0W	AG17B02-100A		
	125	12.0W	AG17B02-125A		
	160	12.4W	AG17B02-160A		
	200	15.2W	AG17B02-200A		
	225	16.5W	AG17B02-225A		
	250	19.3W	AG17B02-250A		
	300	21.0W	AG17B02-300A		
	315	21.5W	AG17B02-315A		
	355	27.0W	AG17B02-355A		
400	29.0W	AG17B02-400A			
03	160	12.5W	AG17B03-160A	1	975g
	200	15.8W	AG17B03-200A		
	225	17.0W	AG17B03-225A		
	250	20.0W	AG17B03-250A		
	300	21.2W	AG17B03-300A		
	315	21.7W	AG17B03-315A		
	355	27.1W	AG17B03-355A		
	400	29.5W	AG17B03-400A		
	425	34.0W	AG17B03-425A		
	500	37.0W	AG17B03-500A		
630	46.0W	AG17B03-630A			

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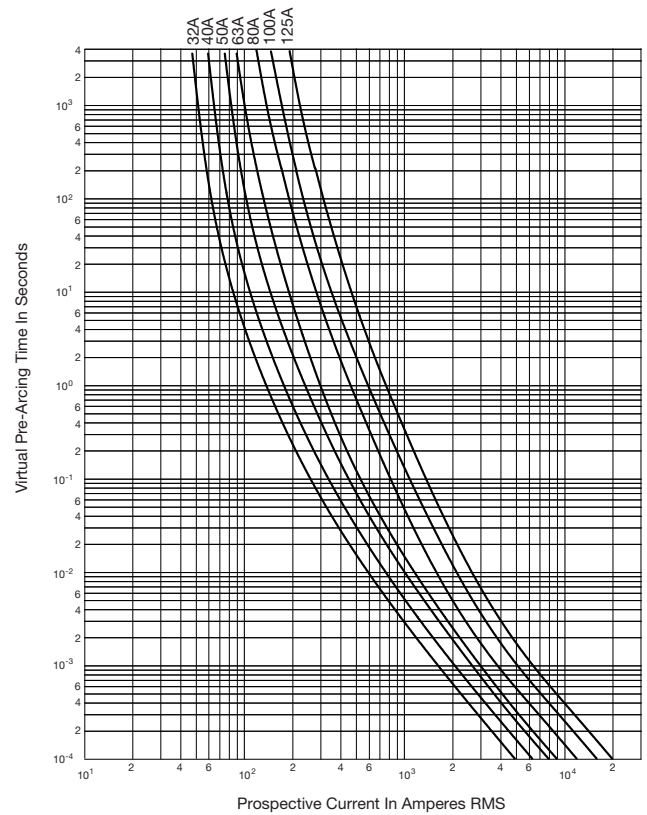
AG17B00C 690V: 4-100A

Time-Current Curve

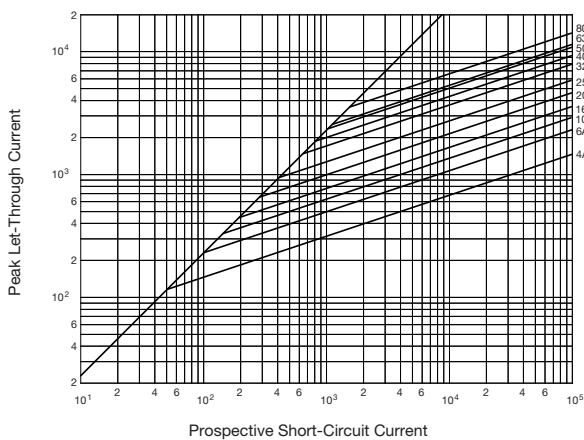


AG17B00 690V: 10-160A

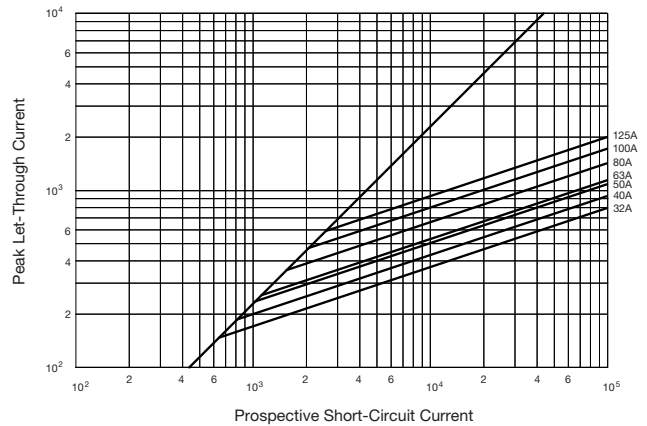
Time-Current Curve



Peak Let-Through Curve



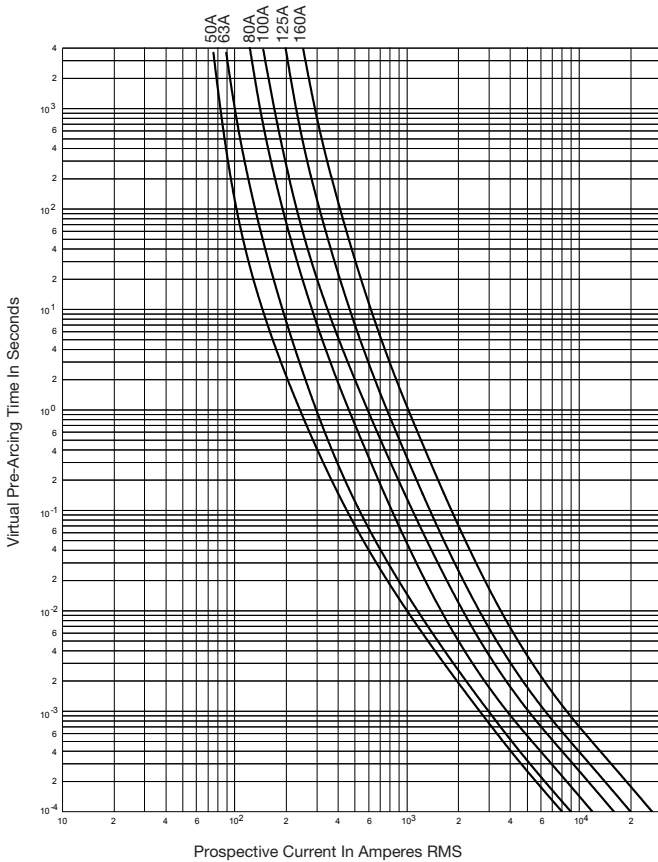
Peak Let-Through Curve



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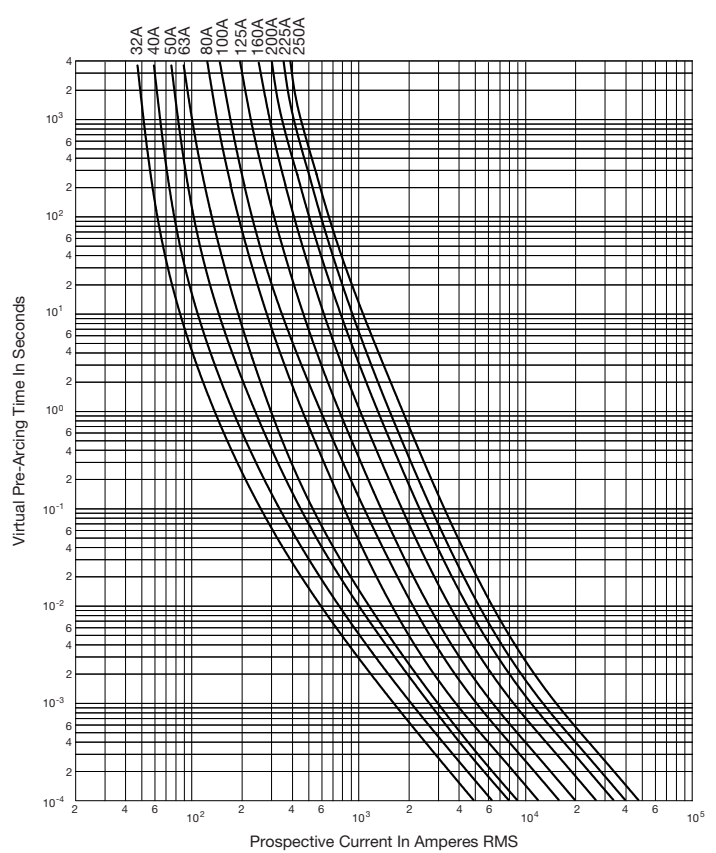
AG17B0 690V: 6-160A

Time-Current Curve

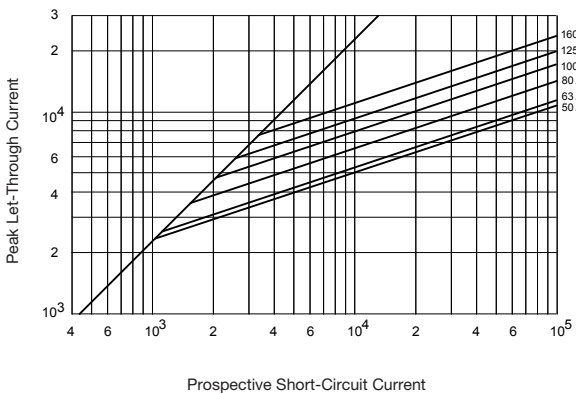


AG17B01 690V: 32-250A

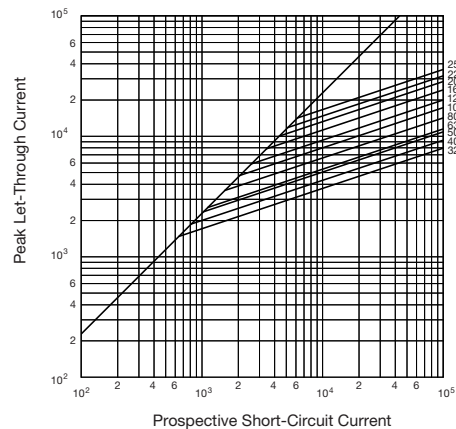
Time-Current Curve



Peak Let-Through Curve



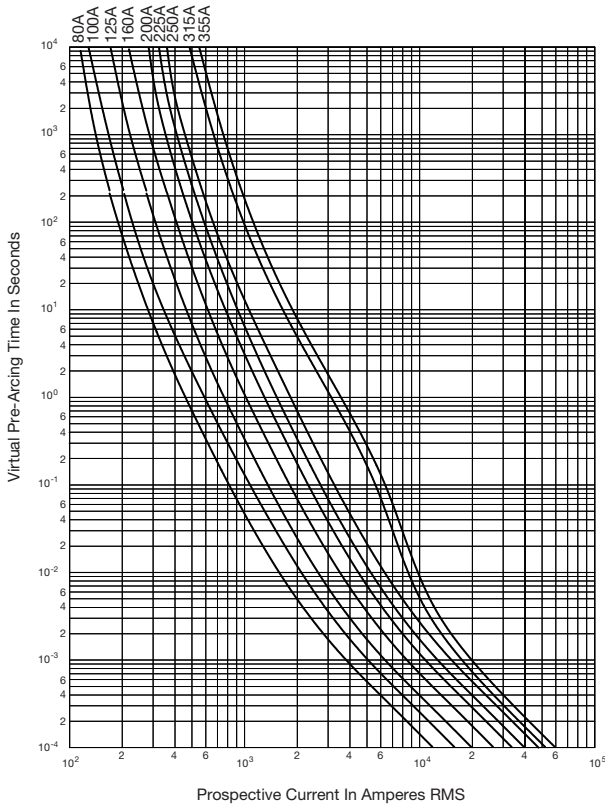
Peak Let-Through Curve



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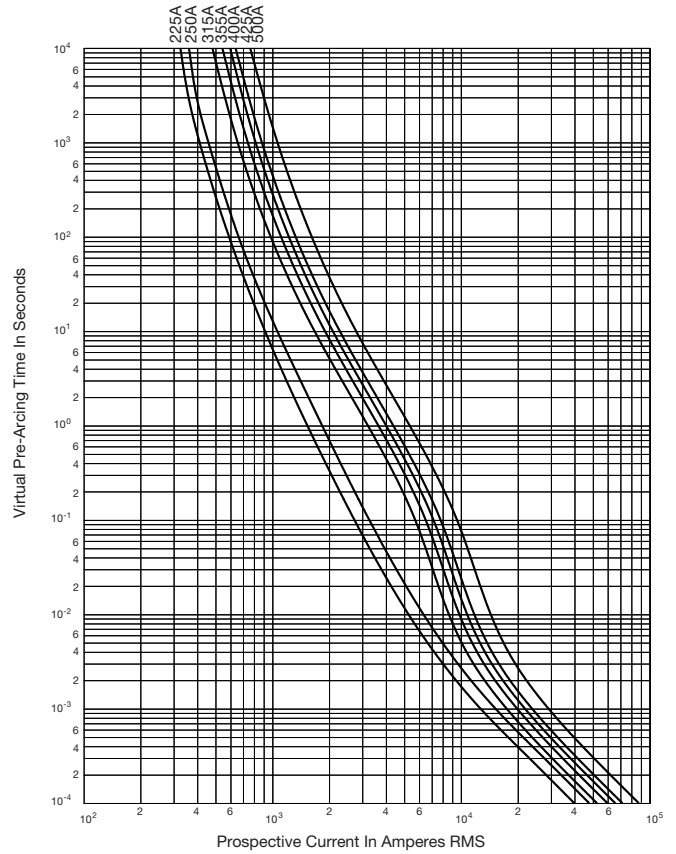
AG17B02 690V: 80-400A

Time-Current Curve

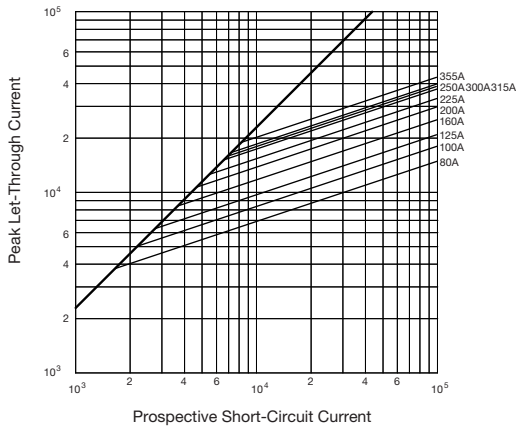


AG17B03 690V: 160-630A

Time-Current Curve



Peak Let-Through Curve



Peak Let-Through Curve

