

# 'GSGB' Ultra Fast Acting HRC Fuse Links



## Specification and List Numbers

## Type 'GSGB' 16-900 Amp

Ultra fast acting fuse links, rated 16 - 900 Amp.

A.C. rating: 660 Volt rms tested to 1000 Volt peak.

D.C. rating: 400 Volt d.c. time constant 20ms (16 - 160 Amp).

350 Volt d.c. time constant 20ms (170 - 900 Amp).

Voltage Rating	Current Rating	List Number	Minimum Pre-Arcing I <sup>2</sup> t	Total I <sup>2</sup> t	Cut-Off Current		Power Dissipation		Top Cap Temp. Rise @ 20°C ambient °C	Indicator Pack Ref. ‡	Dimensional Reference	
					@ 100kA 660 Volt RMS A <sup>2</sup> sec	@ 100kA 660 Volt RMS kA	@ In	@ 0.5 in				
400		16	GSGB16	8	190	1.5	4.7	1.0	35	*	6	
		25	GSGB25	23	320	2.0	8.3	1.5	44			
		30	GSGB30	36	450	2.4	9.6	1.7	48			
		35	GSGB35	70	570	2.7	9.3	1.6	48			
		40	GSGB40	110	800	3.2	9.3	1.6	48	GSSIPBS	6	
		45	GSGB45	140	1,200	3.8	10.8	1.9	50			
		55	GSGB55	205	1,800	3.8	14.7	2.5	58			
		63	GSGB63	280	2,400	4.3	16.4	2.6	62			
		80	GSGB80	460	3,500	5.0	23.0	3.6	79			
		75	GSGB75	280	2,100	4.3	23.0	3.7	83			
		85	GSGB85	560	5,100	5.4	20.0	3.4	58			
		110	GSGB110	800	6,600	5.7	30.0	5.2	88	GSSIPBS	7	
		125	GSGB125	1,100	8,100	6.4	37.0	5.7	88			
		150	GSGB150	1,800	12,500	7.4	39.0	6.3	87			
	350		160	GSGB160	2,200	17,000	8.0	42.0	6.6	98		
			170	GSGB170	3,200	39,500	9.0	33.0	5.8	63		
		190	GSGB190	4,200	45,500	9.9	43.0	7.3	76			
		225	GSGB225	7,400	80,000	11.8	45.0	7.6	80	GSSIPBL	8	
		250	GSGB250	11,000	105,000	13.2	46.0	7.8	88			
		175	GSGB175	2,200	40,000	8.0	41.0	7.4	58			
		200	GSGB200	3,200	45,500	9.0	56.0	8.9	63			
		235	GSGB235	5,700	59,000	9.9	54.0	9.0	84			
		300	GSGB300	10,000	120,000	13.2	71.0	11.2	86			
		325	GSGB325	13,000	160,000	14.2	73.0	11.5	87	GSSIPBL	9	
	350	GSGB350	16,500	185,000	15.3	68.0	11.0	90				
	400	GSGB400	23,000	270,000	17.5	83.0	13.2	95				
	450	GSGB450	36,000	340,000	19.0	84.0	13.4	96				
	500	GSGB500	44,000	450,000	22.0	95.0	15.0	104				
	510	GSGB510	40,000	480,000	20.0	98.0	17.0	72				
	580	GSGB580	52,000	570,000	22.0	111.0	20.0	81	NOT AVAILABLE			
	630	GSGB630	66,000	700,000	24.0	117.0	21.0	85	ORDER	10		
	710	GSGB710	93,000	1,100,000	28.0	126.0	22.0	92	GISGB			
	800	GSGB800	115,000	1,350,000	30.5	150.0	25.0	102				
	900	GSGB900	170,000	1,800,000	35.0	146.0	26.0	104				

ASTA Certified 660 also tested to 720

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\* Indicator pack should not be used with GSGB16.

† Indicated fuse links "Add-on" indicator fuse links.

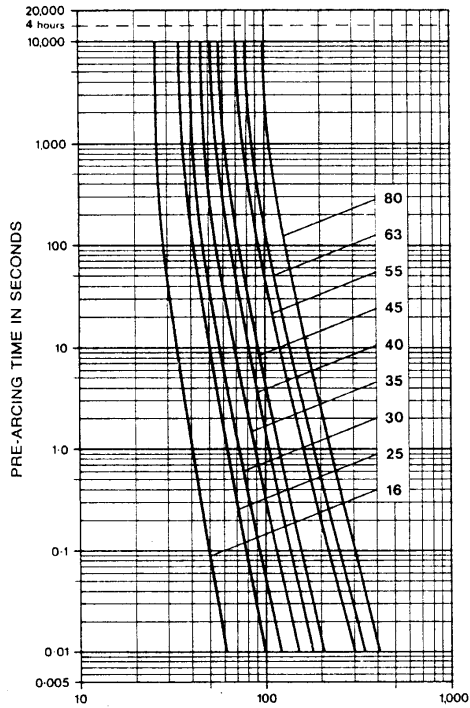
# Characteristics

Type 'GSGB'

Time/Current Characteristics

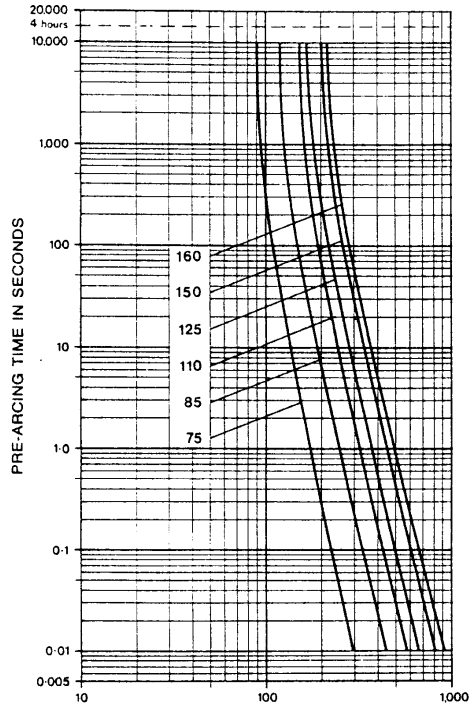
16-250 Amp

16-80 Amp



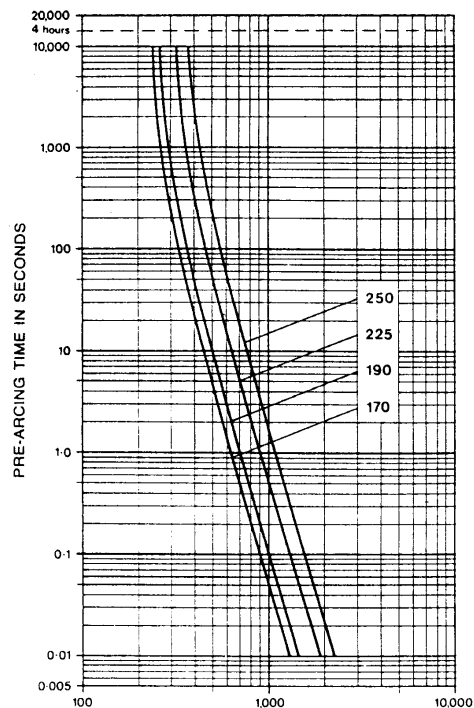
RMS SYMMETRICAL PROSPECTIVE CURRENT IN AMPERES

75-160 Amp



RMS SYMMETRICAL PROSPECTIVE CURRENT IN AMPERES

170-250 Amp



RMS SYMMETRICAL PROSPECTIVE CURRENT IN AMPERES

192

Figure 6

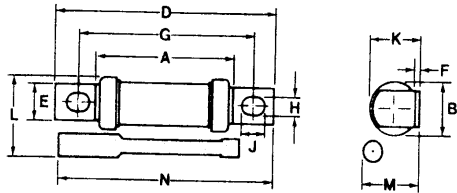


Figure 8

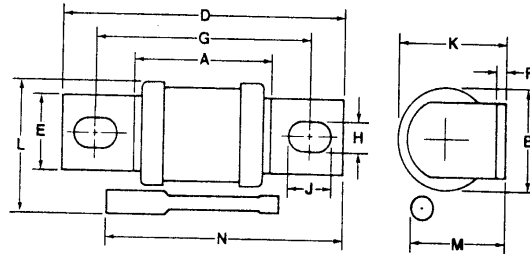


Figure 7

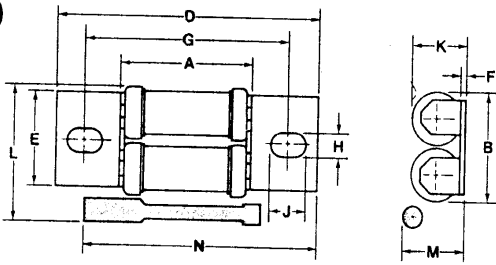


Figure 9

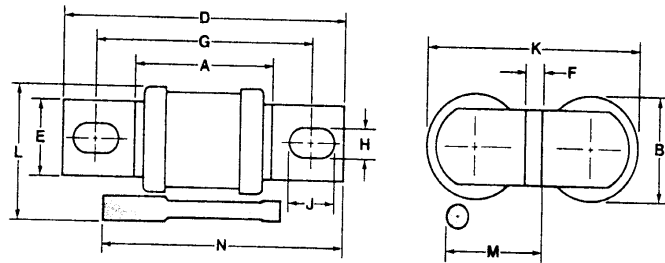
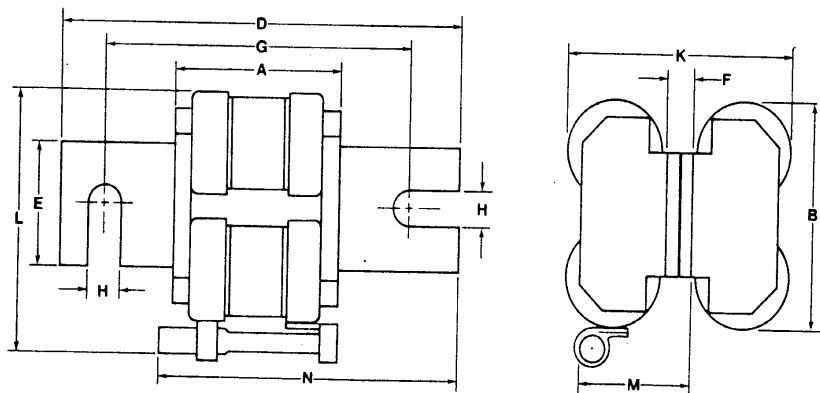


Figure 10



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Type	Rating	Fig. No.	Dimensions in millimetres											
	Amp		A	B	D	E	F	G	H	J	K	L	M	N
GSGB#	16	6	50	17.3	79.5	12	1.6	61.8	6.4	7.9	18.2	-	-	-
GSGB	25-80	6	50	17.3	79.5	12	1.6	61.8	6.4	7.9	18.2	28.6	24.6	70.4
	75-160	7	48	35.7	95	31.8	1.6	72	8.3	13.4	19	46.4	23.8	80.2
	170-250	8	55	34.6	107	25.4	3.2	81.7	10.3	15.5	38.8	45.3	35.2	84.1
	175-500	9	55	34.6	107	25.4	6.4	81.7	10.3	15.5	77.6	45.3	38.4	84.1
*GSGB	510-900	10	57.2	73.8	143	39.7	9.6	110	11.5	-	80.8	84.5	40.8	102

Note: Add-on indicator fuse link shown shaded.