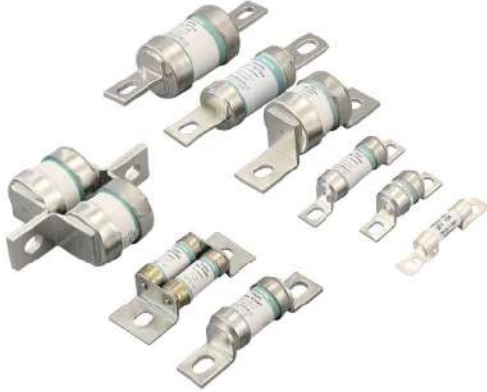


YRGS British BS88 Style High Speed Fuse



Description

YRGS British BS88 Style High Speed Fuses are designed for short-circuit protection. With the features of strong current limiting capacity, high breaking capacity and fast short-circuit breaking speed, YRGS British BS88 Style High Speed Fuses are suitable for short-circuit and backup protection of frequency converters, rectifiers, inverters, various power supplies and other semiconductor equipment as well as batteries, motors, capacitors, wires and other equipment and devices. Besides, it also can be used for short circuit for electric vehicle drive power systems, power conversion systems, energy storage and power batteries, energy storage capacitors, inverter controllers, chargers, wires, automotive devices and other backup protection.



Specifications

Rated Voltage: AC/DC250V -- AC/DC750V

Rated Current: 10A – 700A

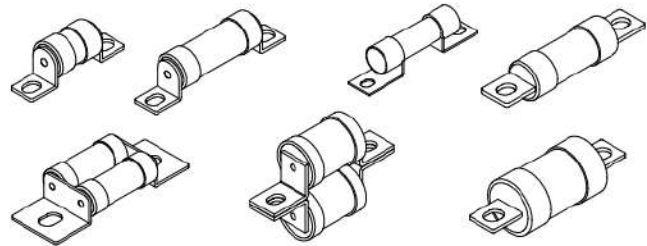
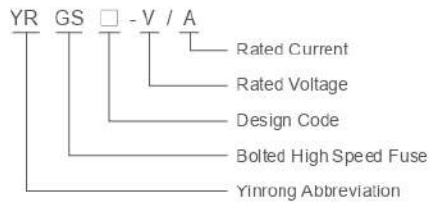
Operating Class: aR, gR, gS,

Breaking Capacity: AC200kA, DC100kA(Time Constant ≤ 15ms)

Standards/Approvals: IEC60269, DIN43653, GB/T13539.4, GB/T31455.

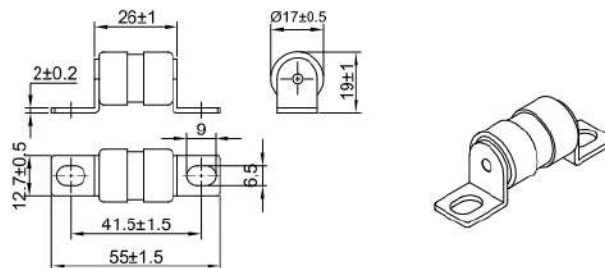


Part Numbering System



DC250V I1 100kA

No.	P/N	Rated Current (A)	Pre-arcing I ² t (A ² s)	Melt I ² t (A ² s)	Power Loss (W)	Mounting
01	YRGS11-250V/16A	16	40	450	3	Bolt M6 Torque 5.5 N.m
02	YRGS11-250V/20A	20	58	610	4	
03	YRGS11-250V/25A	25	95	1010	5.5	
04	YRGS11-250V/32A	32	130	1500	7	
05	YRGS11-250V/40A	40	210	2020	9	
06	YRGS11-250V/50A	50	350	3800	10	
07	YRGS11-250V/63A	63	470	5100	12	
08	YRGS11-250V/75A	75	530	6500	14	



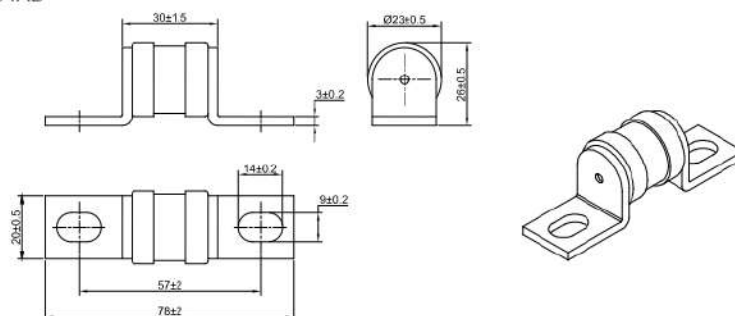


YRGS British BS88 Style High Speed Fuse



No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
09	YRGS4AD-250V/100A	100	1790	19210	21	Bolt M8 Torque 12 N.m
10	YRGS4AD-250V/125A	125	2040	28530	28	
11	YRGS4AD-250V/160A	160	3780	40750	35	
12	YRGS4AD-250V/200A	200	5690	71100	40	
13	YRGS4AD-250V/250A	250	9980	123300	45	

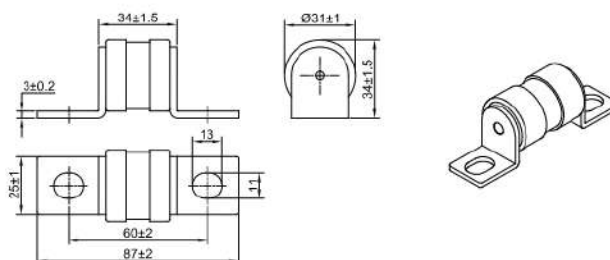
Overall Dimension: YRGS4AD



DC250V I_t 100kA

No.	P/N	Rated Current(A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss(W)	Mounting
14	YRGS15-250V/160A	160	3510	12100	20	Bolt M10 Torque 15 N.m
15	YRGS15-250V/180A	180	4230	20900	22	
16	YRGS15-250V/200A	200	5010	28700	24	
17	YRGS15-250V/250A	250	7640	32800	29	
18	YRGS15-250V/315A	315	13200	56600	35	

Overall Dimension: YRGS15

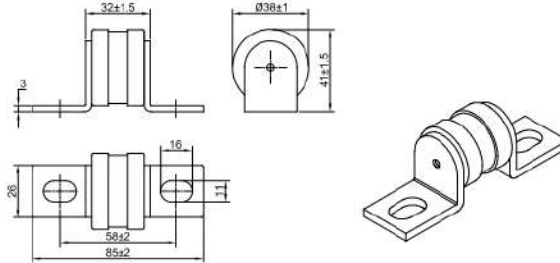


No.	P/N	Rated current(A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss(W)	Mounting
19	YRGS15A-250V/250A	250	8260	33700	28	Bolt M10 Torque 15 N.m
20	YRGS15A-250V/315A	315	13800	55100	37	
21	YRGS15A-250V/350A	350	16900	84600	41	
22	YRGS15A-250V/400A	400	24100	113600	46	
23	YRGS15A-250V/450A	450	30900	157800	52	
24	YRGS15A-250V/500A	500	39500	199400	60	

YRGS British BS88 Style High Speed Fuse



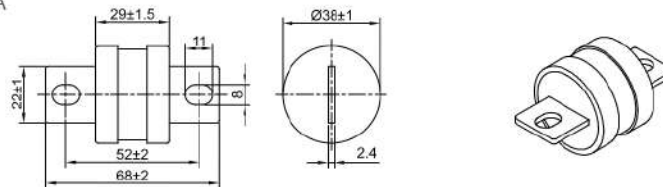
Overall Dimension: YRGS15A



DC250V 100kA

No.	P/N	Rated Current(A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss(W)	Mounting
25	YRGS8A-250V/100A	100	950	3520	12	Bolt M8 Torque 12 N.m
26	YRGS8A-250V/125A	125	1540	6180	15	
27	YRGS8A-250V/160A	160	2830	11020	19	
28	YRGS8A-250V/180A	180	3630	16970	21	
29	YRGS8A-250V/200A	200	4910	24540	23	
30	YRGS8A-250V/250A	250	7890	33600	28	
31	YRGS8A-250V/315A	315	12510	49970	36	
32	YRGS8A-250V/350A	350	17040	82110	40	
33	YRGS8A-250V/400A	400	23550	116000	46	
34	YRGS8A-250V/450A	450	29800	159700	52	
35	YRGS8A-250V/500A	500	39400	199100	60	

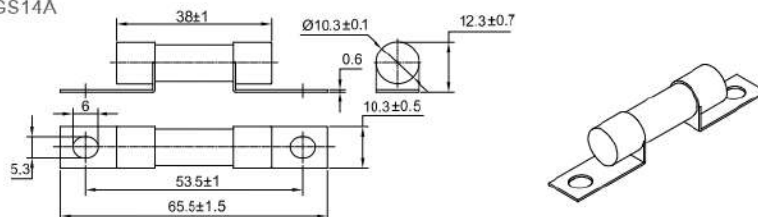
Overall Dimension: YRGS8A



DC500V 50kA

No.	P/N	Rated Current(A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss(W)	Mounting
36	YRGS14A-500V/10A	10	18	62	2.5	Bolt M5 Torque 4 N.m
37	YRGS14A-500V/15A	15	39	125	3.5	
38	YRGS14A-500V/20A	20	83	276	4.6	
39	YRGS14A-500V/25A	25	130	408	5.5	
40	YRGS14A-500V/30A	30	199	685	6.5	
41	YRGS14A-500V/35A	35	350	940	7.2	
42	YRGS14A-500V/40A	40	405	1370	8	
43	YRGS14A-500V/45A	45	530	1720	9	
44	YRGS14A-500V/50A	50	598	1990	10	

Overall Dimension: YRGS14A





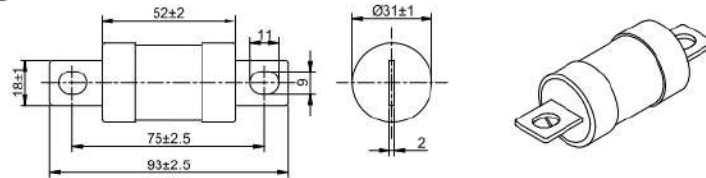
YRGS British BS88 Style High Speed Fuse



DC500V 50kA

No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
45	YRGS8B-500V/100A	100	1790	5270	18	Bolt M8 Torque 12 N.m
46	YRGS8B-500V/125A	125	3030	8990	22	
47	YRGS8B-500V/150A	150	4620	13900	27	
48	YRGS8B-500V/175A	175	7050	20800	31	
49	YRGS8B-500V/200A	200	12100	36400	36	
50	YRGS8B-500V/225A	225	17100	50100	39	
51	YRGS8B-500V/250A	250	23800	68300	43	
52	YRGS8B-500V/275A	275	29800	89100	46	
53	YRGS8B-500V/300A	300	25300	122000	49	
54	YRGS8B-500V/350A	350	61100	174000	60	

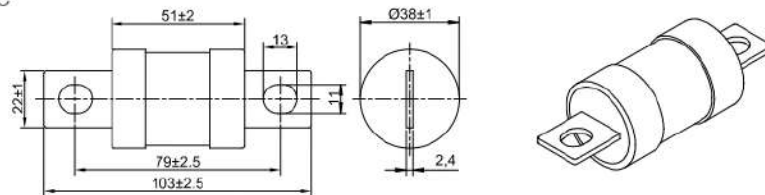
Overall Dimension: YRGS8B



DC500V 50kA

No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
55	YRGS8C-500V/300A	300	25100	65700	52	Bolt M10 Torque 15 N.m
56	YRGS8C-500V/315A	315	28800	75400	54	
57	YRGS8C-500V/350A	350	37300	95600	57	
58	YRGS8C-500V/400A	400	51200	135100	65	
59	YRGS8C-500V/450A	450	62200	167700	70	
60	YRGS8C-500V/500A	500	79600	199800	75	

Overall Dimension: YRGS8C



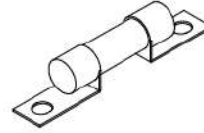
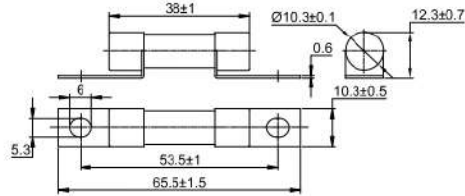
DC750V 50kA

No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
61	YRGS14B-750V/10A	10	15	49	2.2	Bolt M5 Torque 4 N.m
62	YRGS14B-750V/15A	15	27	98	2.9	
63	YRGS14B-750V/20A	20	62	189	3.2	
64	YRGS14B-750V/25A	25	95	320	3.6	
65	YRGS14B-750V/30A	30	176	505	4.8	
66	YRGS14B-750V/35A	35	220	796	5.4	
67	YRGS14B-750V/40A	40	345	1057	6.2	
68	YRGS14B-750V/45A	45	433	1490	7.1	
69	YRGS14B-750V/50A	50	498	1730	8.3	

YRGS British BS88 Style High Speed Fuse



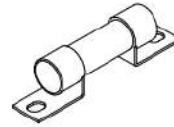
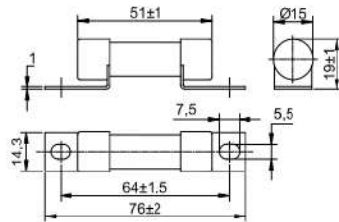
Overall Dimension: YRGS14B



DC750V 50kA

No.	P/N	Rated Current (A)	Pre-arcing ¹ t (A ² s)	Melt ¹ t (A ² s)	Power Loss (W)	Mounting
70	YRGS14C-750V/16A	16	80	295	2.6	Bolt M5 Torque 4 N.m
71	YRGS14C-750V/20A	20	140	488	3.2	
72	YRGS14C-750V/25A	25	245	892	4.1	
73	YRGS14C-750V/32A	32	433	1570	4.8	
74	YRGS14C-750V/40A	40	654	2430	6.1	
75	YRGS14C-750V/50A	50	995	3850	7.8	

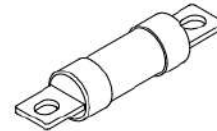
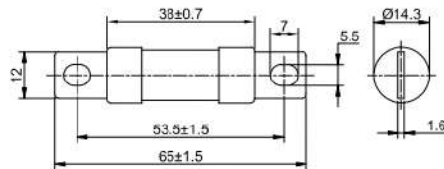
Overall Dimension: YRGS14C



DC750V 50kA

No.	P/N	Rated Current (A)	Pre-arcing ¹ t (A ² s)	Melt ¹ t (A ² s)	Power Loss (W)	Mounting
76	YRGS8D-750V/16A	16	36	148	2.1	Bolt M5 Torque 4 N.m
77	YRGS8D-750V/20A	20	70	260	2.6	
78	YRGS8D-750V/25A	25	131	495	3.2	
79	YRGS8D-750V/32A	32	233	910	3.8	
80	YRGS8D-750V/40A	40	406	1590	4.6	
81	YRGS8D-750V/50A	50	790	2970	6.1	

Overall Dimension: YRGS8D



DC750V 50kA

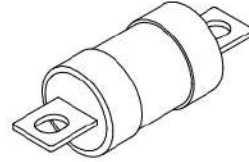
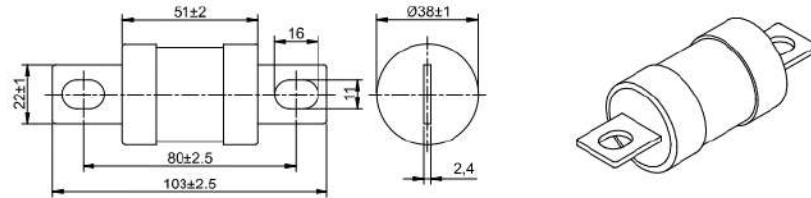
No.	P/N	Rated Current (A)	Pre-arcing ¹ t (A ² s)	Melt ¹ t (A ² s)	Power Loss (W)	Mounting
82	YRGS8E-750V/200A	200	2510	56800	34	Bolt M10 Torque 15 N.m
83	YRGS8E-750V/250A	250	4420	96300	41	
84	YRGS8E-750V/300A	300	6560	137000	48	
85	YRGS8E-750V/350A	350	9240	198000	58	
86	YRGS8E-750V/400A	400	13100	284000	65	



YRGS British BS88 Style High Speed Fuse



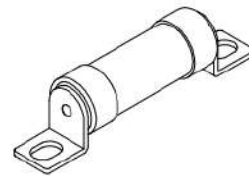
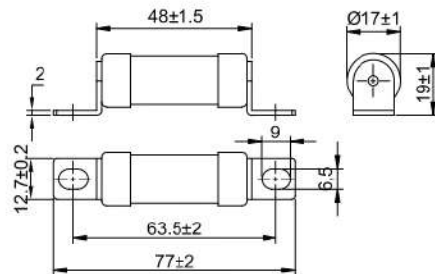
Overall Dimension: YRGS8E



AC690V/DC550V 100kA

No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
87	YRGS4-690V/10A	10	8	90	2	Bolt M6 Torque 5.5 N.m
88	YRGS4-690V/16A	16	23	270	3.5	
89	YRGS4-690V/20A	20	40	450	4.5	
90	YRGS4-690V/25A	25	58	610	6.3	
91	YRGS4-690V/32A	32	95	1010	8	
92	YRGS4-690V/40A	40	130	1500	9.5	
93	YRGS4-690V/50A	50	210	2020	11	
94	YRGS4-690V/63A	63	350	3800	13	
95	YRGS4-690V/80A	80	580	7500	19	
96	YRGS4-690V/100A	100	1200	10200	24	

Overall Dimension: YRGS4

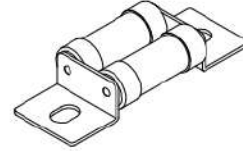
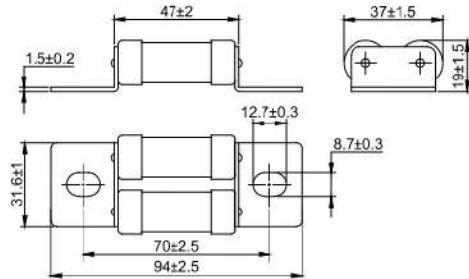


No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
97	YRGS44-690V/65A	65	303	4215	16	Bolt M8 Torque 10 N.m
98	YRGS44-690V/80A	80	435	5920	18.2	
99	YRGS44-690V/90A	90	916	10550	21	
100	YRGS44-690V/100A	100	1100	13800	24	
101	YRGS44-690V/110A	110	1456	17960	25	
102	YRGS44-690V/120A	120	1735	21770	26	
103	YRGS44-690V/140A	140	2330	28720	27.6	
104	YRGS44-690V/160A	160	3146	36210	29.5	
105	YRGS44-690V/180A	180	3987	50220	34	
106	YRGS44-690V/200A	200	5175	69930	38.2	

YRGS British BS88 Style High Speed Fuse



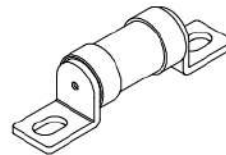
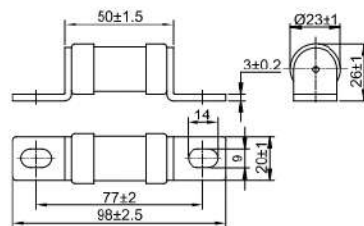
Overall Dimension: YRGS44



AC690V/DC550V 100kA

No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
107	YRGS4A-690V/10A	10	8	90	2	Bolt M8 Torque 10 N.m
108	YRGS4A-690V/16A	16	23	270	3.5	
109	YRGS4A-690V/20A	20	40	450	4.5	
110	YRGS4A-690V/25A	25	58	610	6.3	
111	YRGS4A-690V/32A	32	95	1010	8	
112	YRGS4A-690V/40A	40	130	1500	9.5	
113	YRGS4A-690V/50A	50	210	2020	11	
114	YRGS4A-690V/63A	63	350	3800	13	
115	YRGS4A-690V/80A	80	560	7200	18	
116	YRGS4A-690V/100A	100	980	11000	24	
117	YRGS4A-690V/125A	125	1700	19100	28	
118	YRGS4A-690V/160A	160	3050	30200	35	
119	YRGS4A-690V/200A	200	5500	56000	40	

Overall Dimension: YRGS4A



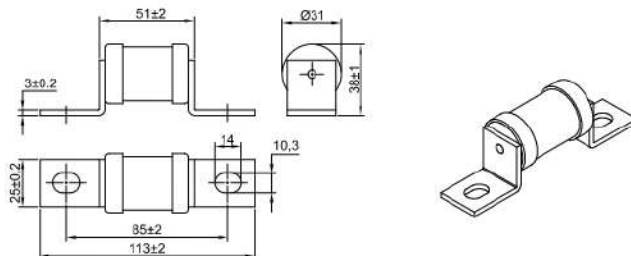
No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
120	YRGS7A-690V/100A	100	1382	17160	23	Bolt M10 Torque 15 N.m
121	YRGS7A-690V/125A	125	1899	23980	30.2	
122	YRGS7A-690V/160A	160	3566	39125	37	
123	YRGS7A-690V/200A	200	5319	69880	43	
124	YRGS7A-690V/250A	250	9673	112400	48	
125	YRGS7A-690V/315A	315	18315	287620	55	



YRGS British BS88 Style High Speed Fuse



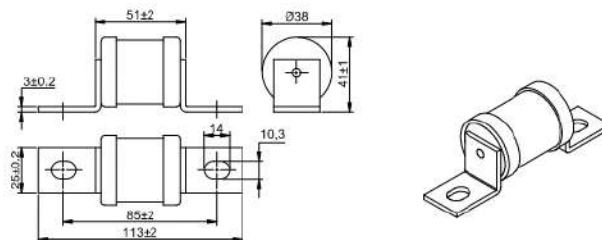
Overall Dimension: YRGS7A



AC690V/DC550V I1 100kA

No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
126	YRGS7-690V/160A	160	1322	11020	39	Bolt M10 Torque 15 N.m
127	YRGS7-690V/180A	180	1979	17950	43	
128	YRGS7-690V/200A	200	3325	23840	48	
129	YRGS7-690V/250A	250	4107	31870	55	
130	YRGS7-690V/280A	280	6987	52130	62	
131	YRGS7-690V/315A	315	9732	72530	70	
132	YRGS7-690V/350A	350	12060	92580	75	
133	YRGS7-690V/400A	400	30890	198600	80	

Overall Dimension: YRGS7

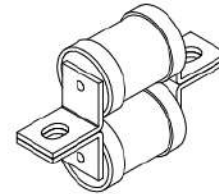
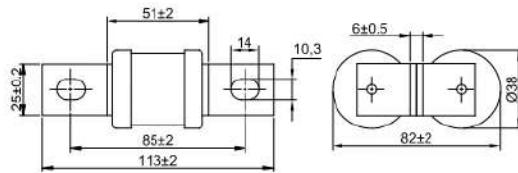


No.	P/N	Rated Current (A)	Pre-arcing I^2t (A ² s)	Melt I^2t (A ² s)	Power Loss (W)	Mounting
134	YRGS77-690V/180A	180	2537	21010	36	Bolt M10 Torque 15 N.m
135	YRGS77-690V/200A	200	3655	29610	40	
136	YRGS77-690V/225A	225	4865	39146	44	
137	YRGS77-690V/280A	280	7860	69800	53	
138	YRGS77-690V/315A	315	11740	100100	58	
139	YRGS77-690V/350A	350	14980	130200	63	
140	YRGS77-690V/400A	400	22410	197830	68	
141	YRGS77-690V/450A	450	31540	281100	73	
142	YRGS77-690V/500A	500	41250	376450	79	
143	YRGS77-690V/560A	560	60590	496310	85	
144	YRGS77-690V/630A	630	82650	758430	92	
145	YRGS77-690V/700A	700	112470	997640	100	

YRGS British BS88 Style High Speed Fuse

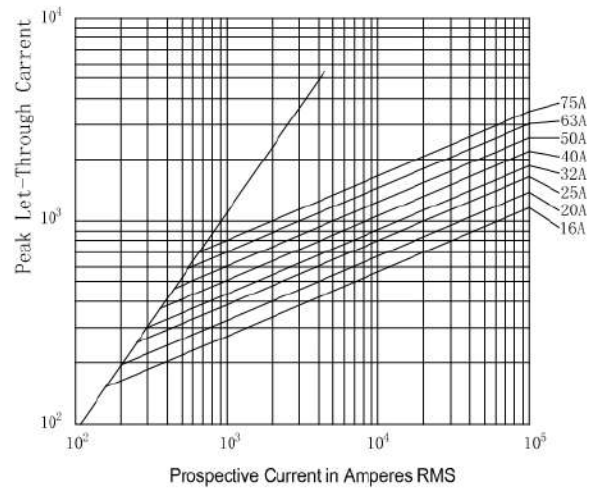
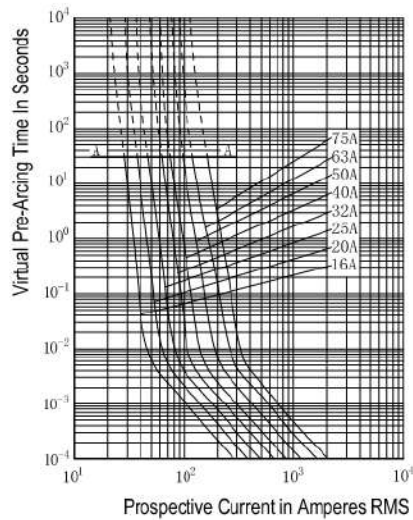


Overall Dimension: YRGS77

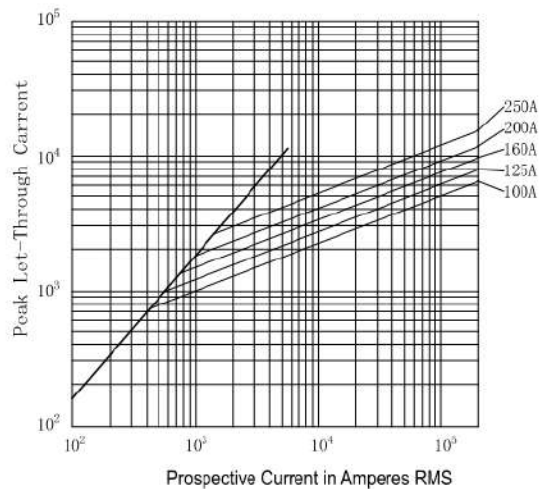
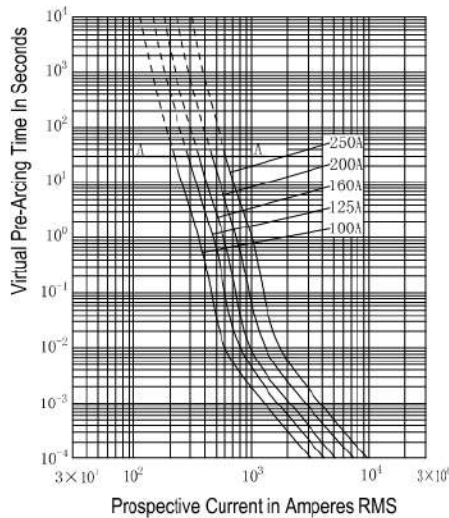


Time Current Characteristic Curve

YRGS11 AC250V/DC170V 16-75A



YRGS4AD AC250V/DC170V 100-250A



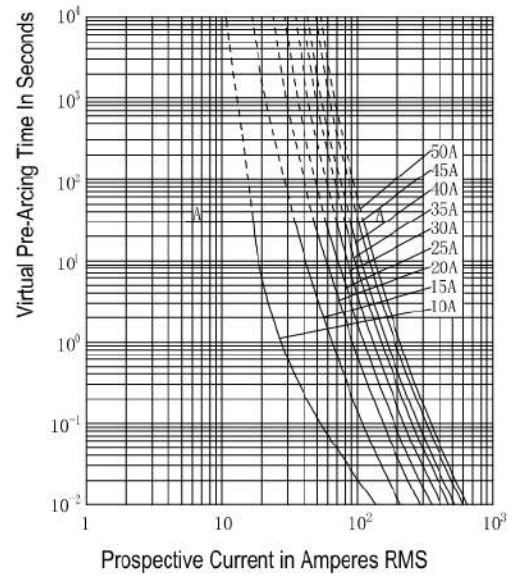
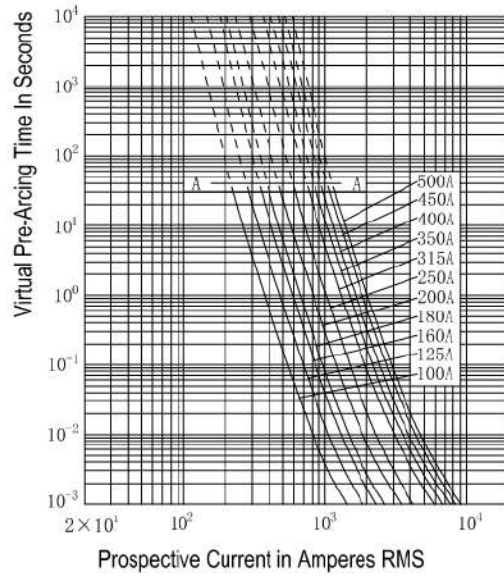


YRGS British BS88 Style High Speed Fuse



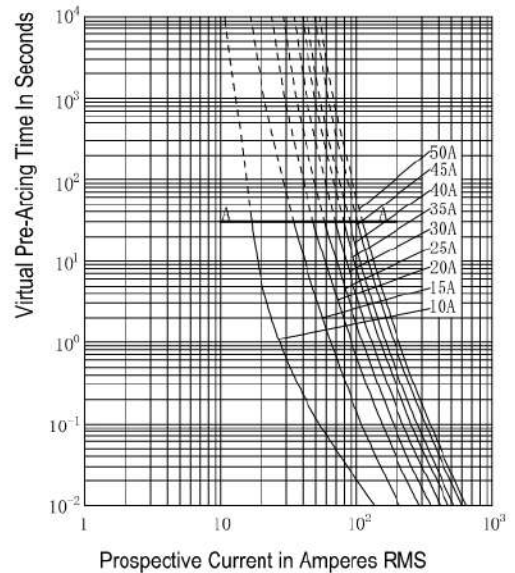
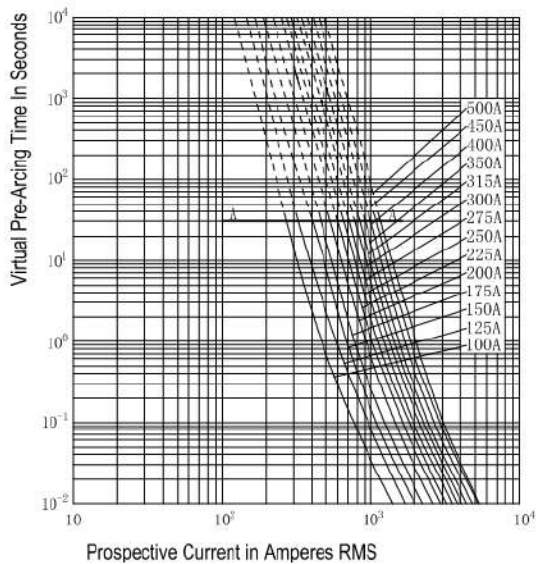
YRGS15, YRGS15A, YRGS8A DC250V 100-500A

YRGS14A DC500V 10-50A



YRGS8B, YRGS8C DC500V 100-500A

YRGS14B DC750V 10-50A

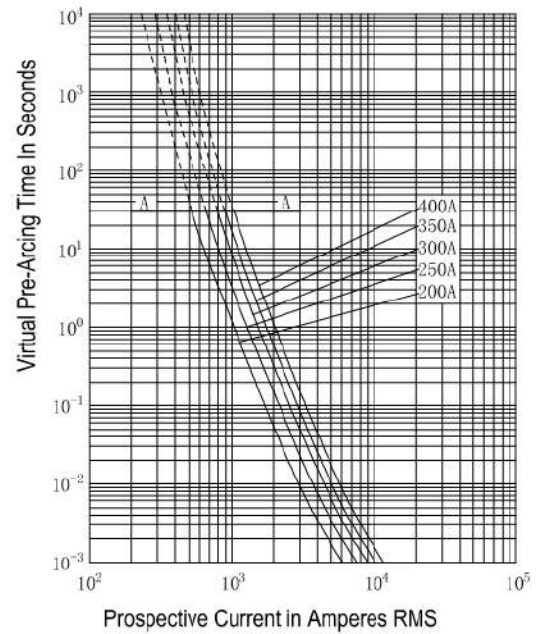
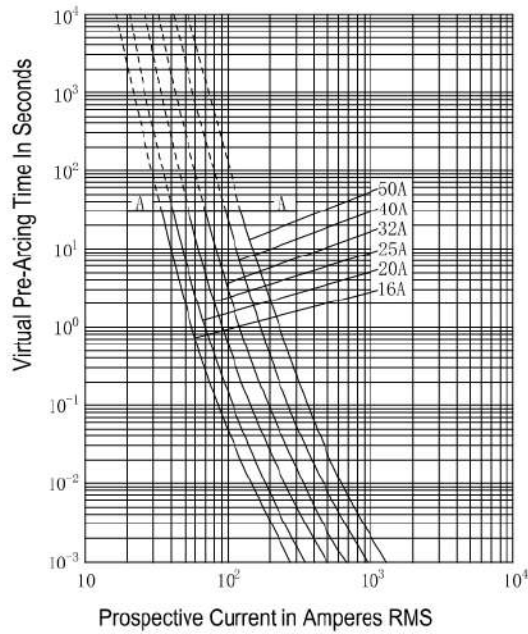


YRGS British BS88 Style High Speed Fuse

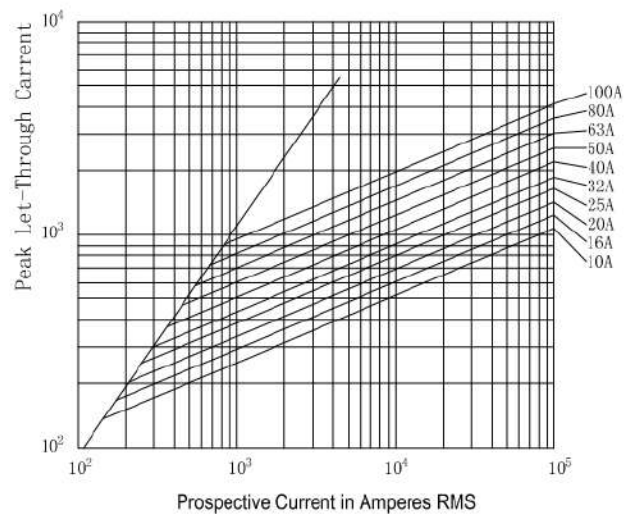
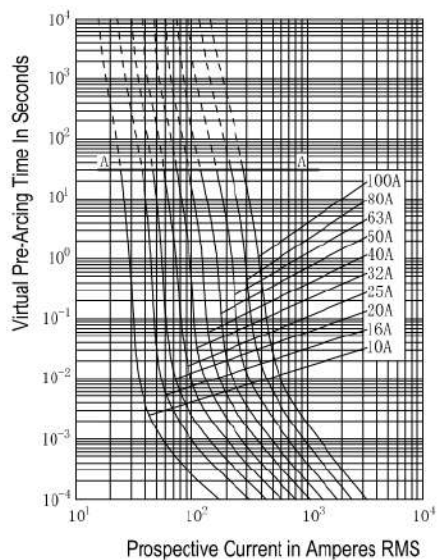


YRGS14C、YRGS8D DC750V 16-50A

YRGS8E DC750V 200-400A



YRGS4 AC690V/DC550V 10-100A

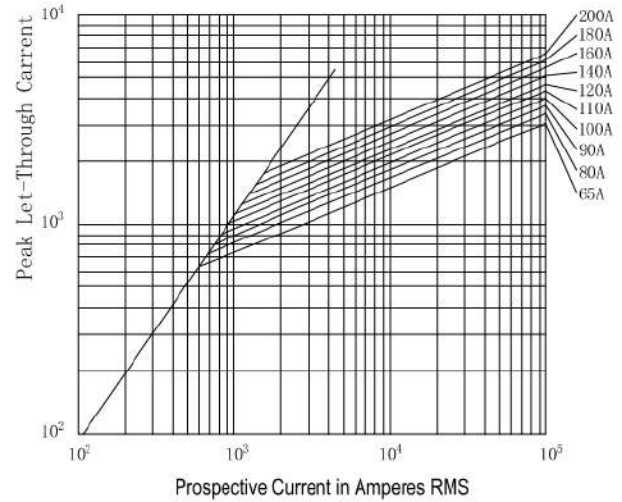
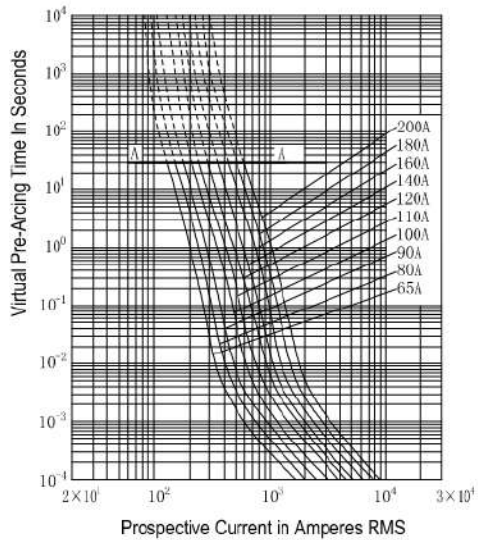




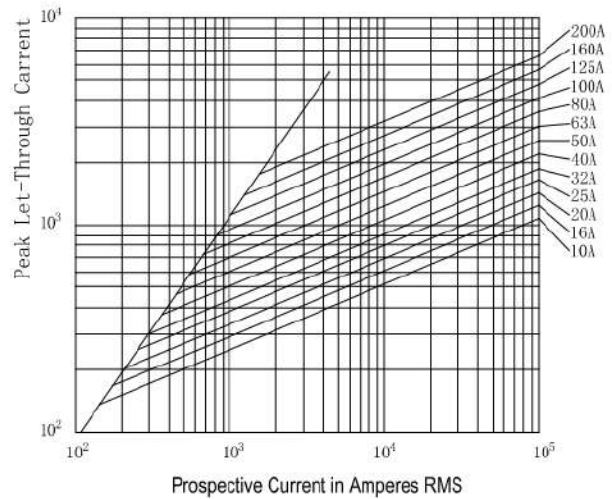
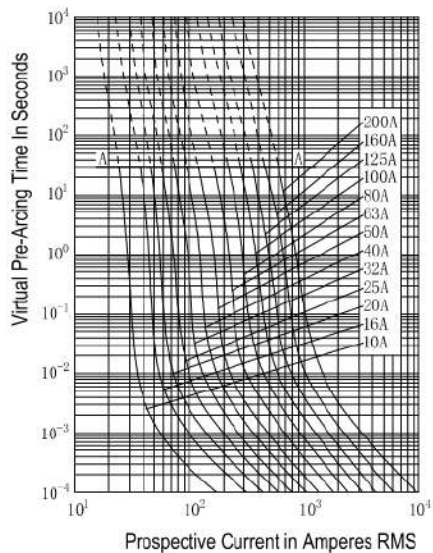
YRGS British BS88 Style High Speed Fuse



YRGS44 AC690V/DC550V 65-200A



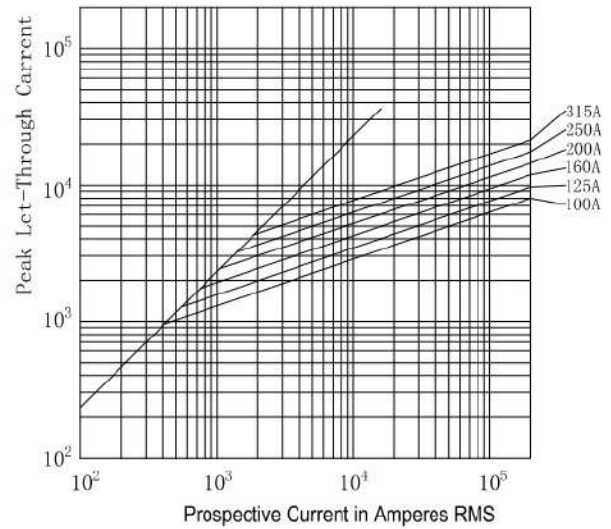
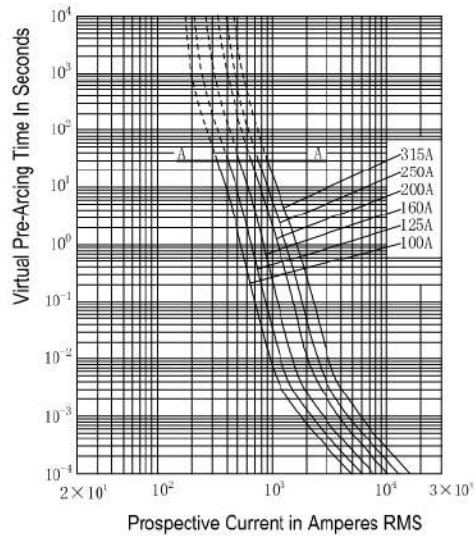
YRGS4A AC690V/DC550V 10-200A



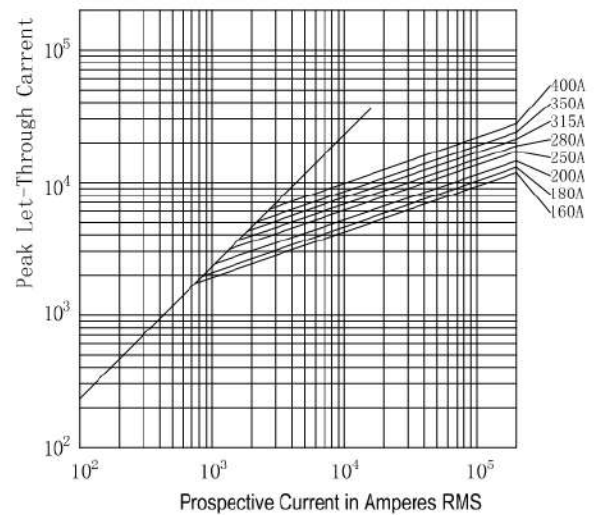
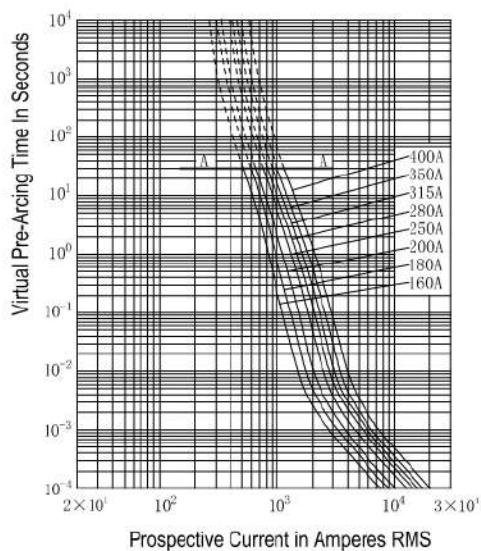
YRGS British BS88 Style High Speed Fuse



YRGS7A AC690V/DC550V 100-315A



YRGS7 AC690V/DC550V 160-400A





YRGS British BS88 Style High Speed Fuse



YRGS77 AC690V/DC550V 180-700A

