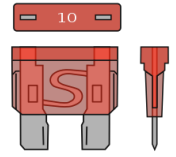


Fuse Voltage Drop Table - ATO / ATC Fuses

ATO (regular) fuse



Product Lineup

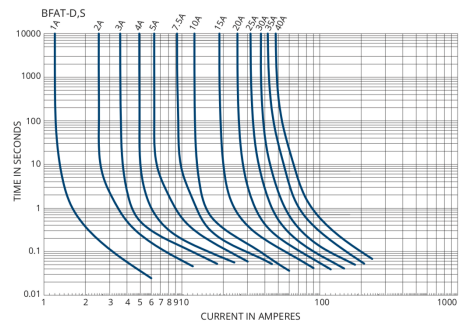
Ampere Rating(A)	Part Number	Housing Colors	Resistance Value	Voltage Drop
1	1039	Black	156 mΩ	225 mV
2	1021	Gray	55.6 mΩ	175 mV
3	1022	Violet	31.7 mΩ	133 mV
4	1023	Pink	22.7 mΩ	128 mV
5	1041	Tan	17.5 mΩ	121 mV
7.5	1042	Brown	11.0 mΩ	112 mV
10	1043	Red	8.12 mΩ	116 mV
15	1044	Blue	5.08 mΩ	105 mV
20	1045	Yellow	3.58 mΩ	99 mV
25	1046	Natural	2.76 mΩ	96 mV
30	1047	Green	2.20 mΩ	92 mV
35	1024	Dark Green	1.76 mΩ	91 mV
40	1048	Orange	1.48 mΩ	95 mV

Time-Current Characteristic

% of Ampere Rating(A)	Operating Time	
	Min	Max
110%	100hrs.	—
135%	0.75sec.	600sec.
160%	0.25sec.	50sec.
200%	0.15sec.	5sec.
350%	0.04sec.	0.5sec.
600%	0.02sec.	0.1sec.

*The fuse characteristic may change depending on the conditions of use.

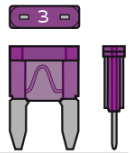
Time-Current Characteristic Chart



PEC BFAT-D Blade (ATO/ATC) Fuses

Fuse Rating :	1 Amp	2 Amp	3 Amp	4 Amp	5 Amp	7.5 Amp	10 Amp	15 Amp	20 Amp	25 Amp	30 Amp	35 Amp	40 Amp
Voltage Measurement	0.156	0.0556	0.0317	0.0227	0.0175	0.011	0.00812	0.00508	0.00358	0.00276	0.00220	0.00176	0.00148
0.001	0.0064	0.0180	0.0315	0.0441	0.0571	0.0909	0.1232	0.1969	0.2793	0.3623	0.4545	0.5682	0.6757
0.002	0.0128	0.0360	0.0631	0.0881	0.1143	0.1818	0.2463	0.3937	0.5587	0.7246	0.9091	1.1364	1.3514
0.003	0.0192	0.0540	0.0946	0.1322	0.1714	0.2727	0.3695	0.5906	0.8380	1.0870	1.3636	1.7045	2.0270
0.004	0.0256	0.0719	0.1262	0.1762	0.2286	0.3636	0.4926	0.7874	1.1173	1.4493	1.8182	2.2727	2.7027
0.005	0.0321	0.0899	0.1577	0.2203	0.2857	0.4545	0.6158	0.9843	1.3966	1.8116	2.2727	2.8409	3.3784
0.006	0.0385	0.1079	0.1893	0.2643	0.3429	0.5455	0.7389	1.1811	1.6760	2.1739	2.7273	3.4091	4.0541
0.007	0.0449	0.1259	0.2208	0.3084	0.4000	0.6364	0.8621	1.3780	1.9553	2.5362	3.1818	3.9773	4.7297
0.008	0.0513	0.1439	0.2524	0.3524	0.4571	0.7273	0.9852	1.5748	2.2346	2.8986	3.6364	4.5455	5.4054
0.009	0.0577	0.1619	0.2839	0.3965	0.5143	0.8182	1.1084	1.7717	2.5140	3.2609	4.0909	5.1136	6.0811
0.010	0.0641	0.1799	0.3155	0.4405	0.5714	0.9091	1.2315	1.9685	2.7933	3.6232	4.5455	5.6818	6.7568
0.011	0.0705	0.1978	0.3470	0.4846	0.6286	1.0000	1.3547	2.1654	3.0726	3.9855	5.0000	6.2500	7.4324
0.012	0.0769	0.2158	0.3785	0.5286	0.6857	1.0909	1.4778	2.3622	3.3520	4.3478	5.4545	6.8182	8.1081
0.013	0.0833	0.2338	0.4101	0.5727	0.7429	1.1818	1.6010	2.5591	3.6313	4.7101	5.9091	7.3864	8.7838
0.014	0.0897	0.2518	0.4416	0.6167	0.8000	1.2727	1.7241	2.7559	3.9106	5.0725	6.3636	7.9545	9.4595
0.015	0.0962	0.2698	0.4732	0.6608	0.8571	1.3636	1.8473	2.9528	4.1899	5.4348	6.8182	8.5227	10.1351
0.016	0.1026	0.2878	0.5047	0.7048	0.9143	1.4545	1.9704	3.1496	4.4693	5.7971	7.2727	9.0909	10.8108
0.017	0.1090	0.3058	0.5363	0.7489	0.9714	1.5455	2.0936	3.3465	4.7486	6.1594	7.7273	9.6591	11.4865
0.018	0.1154	0.3237	0.5678	0.7930	1.0286	1.6364	2.2167	3.5433	5.0279	6.5217	8.1818	10.2273	12.1622
0.019	0.1218	0.3417	0.5994	0.8370	1.0857	1.7273	2.3399	3.7402	5.3073	6.8841	8.6364	10.7955	12.8378
0.020	0.1282	0.3597	0.6309	0.8811	1.1429	1.8182	2.4631	3.9370	5.5866	7.2464	9.0909	11.3636	13.5135
0.021	0.1346	0.3777	0.6625	0.9251	1.2000	1.9091	2.5862	4.1339	5.8659	7.6087	9.5455	11.9318	14.1892
0.022	0.1410	0.3957	0.6940	0.9692	1.2571	2.0000	2.7094	4.3307	6.1453	7.9710	10.0000	12.5000	14.8649
0.023	0.1474	0.4137	0.7256	1.0132	1.3143	2.0909	2.8325	4.5276	6.4246	8.3333	10.4545	13.0682	15.5405
0.024	0.1538	0.4317	0.7571	1.0573	1.3714	2.1818	2.9557	4.7244	6.7039	8.6957	10.9091	13.6364	16.2162
0.025	0.1603	0.4496	0.7886	1.1013	1.4286	2.2727	3.0788	4.9213	6.9832	9.0580	11.3636	14.2045	16.8919
0.026	0.1667	0.4676	0.8202	1.1454	1.4857	2.3636	3.2020	5.1181	7.2626	9.4203	11.8182	14.7727	17.5676
0.027	0.1731	0.4856	0.8517	1.1894	1.5429	2.4545	3.3251	5.3150	7.5419	9.7826	12.2727	15.3409	18.2432
0.028	0.1795	0.5036	0.8833	1.2335	1.6000	2.5455	3.4483	5.5118	7.8212	10.1449	12.7273	15.9091	18.9189
0.029	0.1859	0.5216	0.9148	1.2775	1.6571	2.6364	3.5714	5.7087	8.1006	10.5072	13.1818	16.4773	19.5946
0.030	0.1923	0.5396	0.9464	1.3216	1.7143	2.7273	3.6946	5.9055	8.3799	10.8696	13.6364	17.0455	20.2703
0.031	0.1987	0.5576	0.9779	1.3656	1.7714	2.8182	3.8177	6.1024	8.6592	11.2319	14.0909	17.6136	20.9459
0.032	0.2051	0.5755	1.0095	1.4097	1.8286	2.9091	3.9409	6.2992	8.9385	11.5942	14.5455	18.1818	21.6216
0.033	0.2115	0.5935	1.0410	1.4537	1.8857	3.0000	4.0640	6.4961	9.2179	11.9565	15.0000	18.7500	22.2973
0.034	0.2179	0.6115	1.0726	1.4978	1.9429	3.0909	4.1872	6.6929	9.4972	12.3188	15.4545	19.3182	22.9730
0.035	0.2244	0.6295	1.1041	1.5419	2.0000	3.1818	4.3103	6.8898	9.7765	12.6812	15.9091	19.8864	23.6486
0.036	0.2308	0.6475	1.1356	1.5859	2.0571	3.2727	4.4335	7.0866	10.0559	13.0435	16.3636	20.4545	24.3243
0.037	0.2372	0.6655	1.1672	1.6300	2.1143	3.3636	4.5567	7.2835	10.3352	13.4058	16.8182	21.0227	25.0000
0.038	0.2436	0.6835	1.1987	1.6740	2.1714	3.4545	4.6798	7.4803	10.6145	13.7681	17.2727	21.5909	25.6757
0.039	0.2500	0.7014	1.2303	1.7181	2.2286	3.5455	4.8030	7.6772	10.8939	14.1304	17.7273	22.1591	26.3514
0.040	0.2564	0.7194	1.2618	1.7621	2.2857	3.6364	4.9261	7.8740	11.1732	14.4928	18.1818	22.7273	27.0270
0.041	0.2628	0.7374	1.2934	1.8062	2.3429	3.7273	5.0493	8.0709	11.4525	14.8551	18.6364	23.2955	27.7027
0.042	0.2692	0.7554	1.3249	1.8502	2.4000	3.8182	5.1724	8.2677	11.7318	15.2174	19.0909	23.8636	28.3784
0.043	0.2756	0.7734	1.3565	1.8943	2.4571	3.9091	5.2956	8.4646	12.0112	15.5797	19.5455	24.4318	29.0541
0.044	0.2821	0.7914	1.3880	1.9383	2.5143	4.0000	5.4187	8.6614	12.2905	15.9420	20.0000	25.0000	29.7297
0.045	0.2885	0.8094	1.4196	1.9824	2.5714	4.0909	5.5419	8.8583	12.5698	16.3043	20.4545	25.5682	30.4054
0.046	0.2949	0.8273	1.4511	2.0264	2.6286	4.1818	5.6650	9.0551	12.8492	16.6667	20.9091	26.1364	31.0811
0.047	0.3013	0.8453	1.4826	2.0705	2.6857	4.2727	5.7882	9.2520	13.1285	17.0290	21.3636	26.7045	31.7568
0.048	0.3077	0.8633	1.5142	2.1145	2.7429	4.3636	5.9113	9.4488	13.4078	17.3913	21.8182	27.2727	32.4324
0.049	0.3141	0.8813	1.5457	2.1586	2.8000	4.4545	6.0345	9.6457	13.6872	17.7536	22.2727	27.8409	33.1081

Fuse Rating :	1 Amp	2 Amp	3 Amp	4 Amp	5 Amp	7.5 Amp	10 Amp	15 Amp	20 Amp	25 Amp	30 Amp	35 Amp	40 Amp
Voltage Measurement	0.156	0.0556	0.0317	0.0227	0.0175	0.011	0.00812	0.00508	0.00358	0.00276	0.00220	0.00176	0.00148
0.050	0.3205	0.8993	1.5773	2.2026	2.8571	4.5455	6.1576	9.8425	13.9665	18.1159	22.7273	28.4091	33.7838
0.051	0.3269	0.9173	1.6088	2.2467	2.9143	4.6364	6.2808	10.0394	14.2458	18.4783	23.1818	28.9773	34.4595
0.052	0.3333	0.9353	1.6404	2.2907	2.9714	4.7273	6.4039	10.2362	14.5251	18.8406	23.6364	29.5455	35.1351
0.053	0.3397	0.9532	1.6719	2.3348	3.0286	4.8182	6.5271	10.4331	14.8045	19.2029	24.0909	30.1136	35.8108
0.054	0.3462	0.9712	1.7035	2.3789	3.0857	4.9091	6.6502	10.6299	15.0838	19.5652	24.5455	30.6818	36.4865
0.055	0.3526	0.9892	1.7350	2.4229	3.1429	5.0000	6.7734	10.8268	15.3631	19.9275	25.0000	31.2500	37.1622
0.056	0.3590	1.0072	1.7666	2.4670	3.2000	5.0909	6.8966	11.0236	15.6425	20.2899	25.4545	31.8182	37.8378
0.057	0.3654	1.0252	1.7981	2.5110	3.2571	5.1818	7.0197	11.2205	15.9218	20.6522	25.9091	32.3864	38.5135
0.058	0.3718	1.0432	1.8297	2.5551	3.3143	5.2727	7.1429	11.4173	16.2011	21.0145	26.3636	32.9545	39.1892
0.059	0.3782	1.0612	1.8612	2.5991	3.3714	5.3636	7.2660	11.6142	16.4804	21.3768	26.8182	33.5227	39.8649
0.060	0.3846	1.0791	1.8927	2.6432	3.4286	5.4545	7.3892	11.8110	16.7598	21.7391	27.2727	34.0909	40.5405
0.061	0.3910	1.0971	1.9243	2.6872	3.4857	5.5455	7.5123	12.0079	17.0391	22.1014	27.7273	34.6591	41.2162
0.062	0.3974	1.1151	1.9558	2.7313	3.5429	5.6364	7.6355	12.2047	17.3184	22.4638	28.1818	35.2273	41.8919
0.063	0.4038	1.1331	1.9874	2.7753	3.6000	5.7273	7.7586	12.4016	17.5978	22.8261	28.6364	35.7955	42.5676
0.064	0.4103	1.1511	2.0189	2.8194	3.6571	5.8182	7.8818	12.5984	17.8771	23.1884	29.0909	36.3636	43.2432
0.065	0.4167	1.1691	2.0505	2.8634	3.7143	5.9091	8.0049	12.7953	18.1564	23.5507	29.5455	36.9318	43.9189
0.066	0.4231	1.1871	2.0820	2.9075	3.7714	6.0000	8.1281	12.9921	18.4358	23.9130	30.0000	37.5000	44.5946
0.067	0.4295	1.2050	2.1136	2.9515	3.8286	6.0909	8.2512	13.1890	18.7151	24.2754	30.4545	38.0682	45.2703
0.068	0.4359	1.2230	2.1451	2.9956	3.8857	6.1818	8.3744	13.3858	18.9944	24.6377	30.9091	38.6364	45.9459
0.069	0.4423	1.2410	2.1767	3.0396	3.9429	6.2727	8.4975	13.5827	19.2737	25.0000	31.3636	39.2045	46.6216
0.070	0.4487	1.2590	2.2082	3.0837	4.0000	6.3636	8.6207	13.7795	19.5531	25.3623	31.8182	39.7727	47.2973
0.071	0.4551	1.2770	2.2397	3.1278	4.0571	6.4545	8.7438	13.9764	19.8324	25.7246	32.2727	40.3409	47.9730
0.072	0.4615	1.2950	2.2713	3.1718	4.1143	6.5455	8.8670	14.1732	20.1117	26.0870	32.7273	40.9091	48.6486
0.073	0.4679	1.3129	2.3028	3.2159	4.1714	6.6364	8.9901	14.3701	20.3911	26.4493	33.1818	41.4773	49.3243
0.074	0.4744	1.3309	2.3344	3.2599	4.2286	6.7273	9.1133	14.5669	20.6704	26.8116	33.6364	42.0455	50.0000
0.075	0.4808	1.3489	2.3659	3.3040	4.2857	6.8182	9.2365	14.7638	20.9497	27.1739	34.0909	42.6136	50.6757
0.076	0.4872	1.3669	2.3975	3.3480	4.3429	6.9091	9.3596	14.9606	21.2291	27.5362	34.5455	43.1818	51.3514
0.077	0.4936	1.3849	2.4290	3.3921	4.4000	7.0000	9.4828	15.1575	21.5084	27.8986	35.0000	43.7500	52.0270
0.078	0.5000	1.4029	2.4606	3.4361	4.4571	7.0909	9.6059	15.3543	21.7877	28.2609	35.4545	44.3182	52.7027
0.079	0.5064	1.4209	2.4921	3.4802	4.5143	7.1818	9.7291	15.5512	22.0670	28.6232	35.9091	44.8864	53.3784
0.080	0.5128	1.4388	2.5237	3.5242	4.5714	7.2727	9.8522	15.7480	22.3464	28.9855	36.3636	45.4545	54.0541
0.081	0.5192	1.4568	2.5552	3.5683	4.6286	7.3636	9.9754	15.9449	22.6257	29.3478	36.8182	46.0227	54.7297
0.082	0.5256	1.4748	2.5868	3.6123	4.6857	7.4545	10.0985	16.1417	22.9050	29.7101	37.2727	46.5909	55.4054
0.083	0.5321	1.4928	2.6183	3.6564	4.7429	7.5455	10.2217	16.3386	23.1844	30.0725	37.7273	47.1591	56.0811
0.084	0.5385	1.5108	2.6498	3.7004	4.8000	7.6364	10.3448	16.5354	23.4637	30.4348	38.1818	47.7273	56.7568
0.085	0.5449	1.5288	2.6814	3.7445	4.8571	7.7273	10.4680	16.7323	23.7430	30.7971	38.6364	48.2955	57.4324
0.086	0.5513	1.5468	2.7129	3.7885	4.9143	7.8182	10.5911	16.9291	24.0223	31.1594	39.0909	48.8636	58.1081
0.087	0.5577	1.5647	2.7445	3.8326	4.9714	7.9091	10.7143	17.1260	24.3017	31.5217	39.5455	49.4318	58.7838
0.088	0.5641	1.5827	2.7760	3.8767	5.0286	8.0000	10.8374	17.3228	24.5810	31.8841	40.0000	50.0000	59.4595
0.089	0.5705	1.6007	2.8076	3.9207	5.0857	8.0909	10.9606	17.5197	24.8603	32.2464	40.4545	50.5682	60.1351
0.090	0.5769	1.6187	2.8391	3.9648	5.1429	8.1818	11.0837	17.7165	25.1397	32.6087	40.9091	51.1364	60.8108
0.091	0.5833	1.6367	2.8707	4.0088	5.2000	8.2727	11.2069	17.9134	25.4190	32.9710	41.3636	51.7045	61.4865
0.092	0.5897	1.6547	2.9022	4.0529	5.2571	8.3636	11.3300	18.1102	25.6983	33.3333	41.8182	52.2727	62.1622
0.093	0.5962	1.6727	2.9338	4.0969	5.3143	8.4545	11.4532	18.3071	25.9777	33.6957	42.2727	52.8409	62.8378
0.094	0.6026	1.6906	2.9653	4.1410	5.3714	8.5455	11.5764	18.5039	26.2570	34.0580	42.7273	53.4091	63.5135
0.095	0.6090	1.7086	2.9968	4.1850	5.4286	8.6364	11.6995	18.7008	26.5363	34.4203	43.1818	53.9773	64.1892
0.096	0.6154	1.7266	3.0284	4.2291	5.4857	8.7273	11.8227	18.8976	26.8156	34.7826	43.6364	54.5455	64.8649
0.097	0.6218	1.7446	3.0599	4.2731	5.5429	8.8182	11.9458	19.0945	27.0950	35.1449	44.0909	55.1136	65.5405
0.098	0.6282	1.7626	3.0915	4.3172	5.6000	8.9091	12.0690	19.2913	27.3743	35.5072	44.5455	55.6818	66.2162
0.099	0.6346	1.7806	3.1230	4.3612	5.6571	9.0000	12.1921	19.4882	27.6536	35.8696	45.0000	56.2500	66.8919
0.100	0.6410	1.7986	3.1546	4.4053	5.7143	9.0909	12.3153	19.6850	27.9330	36.2319	45.4545	56.8182	67.5676
0.101	0.6474	1.8165	3.1861	4.4493	5.7714	9.1818	12.4384	19.8819	28.2123	36.5942	45.9091	57.3864	68.2432
0.102	0.6538	1.8345	3.2177	4.4934	5.8286	9.2727	12.5616	20.0787	28.4916	36.9565	46.3636	57.9545	68.9189
0.103	0.6603	1.8525	3.2492	4.5374	5.8857	9.3636	12.6847	20.2756	28.7709	37.3188	46.8182	58.5227	69.5946
0.104	0.6667	1.8705	3.2808	4.5815	5.9429	9.4545	12.8079	20.4724	29.0503	37.6812	47.2727	59.0909	70.2703
0.105	0.6731	1.8885	3.3123	4.6256	6.0000	9.5455	12.9310	20.6693	29.3296	38.0435	47.7273	59.6591	70.9459
0.106	0.6795	1.9065	3.3438	4.6696	6.0571	9.6364	13.0542	20.8661	29.6089	38.4058	48.1818	60.2273	71.6216
0.107	0.6859	1.9245	3.3754	4.7137	6.1143	9.7273	13.1773	21.0630	29.8883	38.7681	48.6364	60.7955	72.2973
0.108	0.6923	1.9424	3.4069	4.7577	6.1714	9.8182	13.3005	21.2598	30.1676	39.1304	49.0909	61.3636	72.9730
0.109	0.6987	1.9604	3.4385	4.8018	6.2286	9.9091	13.4236	21.4567	30.4469	39.4928	49.5455	61.9318	73.6486
0.110	0.7051	1.9784	3.4700	4.8458	6.2857	10.0000	13.5468	21.6535	30.7263	39.8551	50.0000	62.5000	74.3243
0.111	0.7115	1.9964	3.5016	4.8899	6.3429	10.0909	13.6700	21.8504	31.0056	40.2174	50.4545	63.0682	75.0000
0.112	0.7179	2.0144	3.5331	4.9339	6.4000	10.1818	13.7931	22.0472	31.2849	40.5797	50.9091	63.6364	75.6757
0.113	0.7244	2.0324	3.5647	4.9780	6.4571	10.2727	13.9163	22.2441	31.5642	40.9420	51.3636	64.2045	76.3514
0.114	0.7308	2.0504	3.5962	5.0220	6.5143	10.3636	14.0394	22.4409	31.8436	41.3043	51.8182	64.7727	77.0270



Fuse Voltage Drop Table - Mini Fuses

Product Lineup

Ampere Rating(A)	Part Number	Housing Colors	Resistance Value	Voltage Drop
1	1281	Black	121 mΩ	175 mV
2	1282	Gray	49.7 mΩ	140 mV
3	1283	Violet	29.6 mΩ	140 mV
4	1284	Pink	23.8 mΩ	136 mV
5	1285	Tan	16.7 mΩ	112 mV
7.5	1286	Brown	11.1 mΩ	112 mV
10	1287	Red	7.82 mΩ	106 mV
15	1288	Blue	4.93 mΩ	99 mV
20	1289	Yellow	3.48 mΩ	95 mV
25	1278	Natural	2.58 mΩ	92 mV
30	1279	Green	2.12 mΩ	86 mV

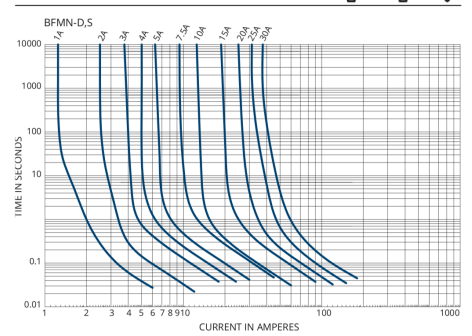
*In case a product other than the ones published in this document is desired, please contact us for details.

Time-Current Characteristic

% of Ampere Rating(A)	Operating Time	
	Min	Max
110%	100hrs.	—
135%	0.75sec.	600sec.
160%	0.25sec.	50sec.
200%	0.15sec.	5sec.
350%	0.04sec.	0.5sec.
600%	0.02sec.	0.1sec.

*The fuse characteristic may change depending on the conditions of use.

Time-Current Characteristic Chart



PEC BFMN-D Blade (Mini) Fuses

Fuse Rating :	1 Amp	2 Amp	3 Amp	4 Amp	5 Amp	7.5 Amp	10 Amp	15 Amp	20 Amp	25 Amp	30 Amp		
Voltage Measurement	0.121	0.0497	0.0296	0.0238	0.0167	0.0111	0.00782	0.00493	0.00348	0.00258	0.00212		
0.001	0.0083	0.0201	0.0338	0.0420	0.0599	0.0901	0.1279	0.2028	0.2874	0.3876	0.4717		
0.002	0.0165	0.0402	0.0676	0.0840	0.1198	0.1802	0.2558	0.4057	0.5747	0.7752	0.9434		
0.003	0.0248	0.0604	0.1014	0.1261	0.1796	0.2703	0.3836	0.6085	0.8621	1.1628	1.4151		
0.004	0.0331	0.0805	0.1351	0.1681	0.2395	0.3604	0.5115	0.8114	1.1494	1.5504	1.8868		
0.005	0.0413	0.1006	0.1689	0.2101	0.2994	0.4505	0.6394	1.0142	1.4368	1.9380	2.3585		
0.006	0.0496	0.1207	0.2027	0.2521	0.3593	0.5405	0.7673	1.2170	1.7241	2.3256	2.8302		
0.007	0.0579	0.1408	0.2365	0.2941	0.4192	0.6306	0.8951	1.4199	2.0115	2.7132	3.3019		
0.008	0.0661	0.1610	0.2703	0.3361	0.4790	0.7207	1.0230	1.6227	2.2989	3.1008	3.7736		
0.009	0.0744	0.1811	0.3041	0.3782	0.5389	0.8108	1.1509	1.8256	2.5862	3.4884	4.2453		
0.010	0.0826	0.2012	0.3378	0.4202	0.5988	0.9009	1.2788	2.0284	2.8736	3.8760	4.7170		
0.011	0.0909	0.2213	0.3716	0.4622	0.6587	0.9910	1.4066	2.2312	3.1609	4.2636	5.1887		
0.012	0.0992	0.2414	0.4054	0.5042	0.7186	1.0811	1.5345	2.4341	3.4483	4.6512	5.6604		
0.013	0.1074	0.2616	0.4392	0.5462	0.7784	1.1712	1.6624	2.6369	3.7356	5.0388	6.1321		
0.014	0.1157	0.2817	0.4730	0.5882	0.8383	1.2613	1.7903	2.8398	4.0230	5.4264	6.6038		
0.015	0.1240	0.3018	0.5068	0.6303	0.8982	1.3514	1.9182	3.0426	4.3103	5.8140	7.0755		
0.016	0.1322	0.3219	0.5405	0.6723	0.9581	1.4414	2.0460	3.2454	4.5977	6.2016	7.5472		
0.017	0.1405	0.3421	0.5743	0.7143	1.0180	1.5315	2.1739	3.4483	4.8851	6.5891	8.0189		
0.018	0.1488	0.3622	0.6081	0.7563	1.0778	1.6216	2.3018	3.6511	5.1724	6.9767	8.4906		
0.019	0.1570	0.3823	0.6419	0.7983	1.1377	1.7117	2.4297	3.8540	5.4598	7.3643	8.9623		
0.020	0.1653	0.4024	0.6757	0.8403	1.1976	1.8018	2.5575	4.0568	5.7471	7.7519	9.4340		
0.021	0.1736	0.4225	0.7095	0.8824	1.2575	1.8919	2.6854	4.2596	6.0345	8.1395	9.9057		
0.022	0.1818	0.4427	0.7432	0.9244	1.3174	1.9820	2.8133	4.4625	6.3218	8.5271	10.3774		
0.023	0.1901	0.4628	0.7770	0.9664	1.3772	2.0721	2.9412	4.6653	6.6092	8.9147	10.8491		
0.024	0.1983	0.4829	0.8108	1.0084	1.4371	2.1622	3.0691	4.8682	6.8966	9.3023	11.3208		
0.025	0.2066	0.5030	0.8446	1.0504	1.4970	2.2523	3.1969	5.0710	7.1839	9.6899	11.7925		
0.026	0.2149	0.5231	0.8784	1.0924	1.5569	2.3423	3.3248	5.2738	7.4713	10.0775	12.2642		
0.027	0.2231	0.5433	0.9122	1.1345	1.6168	2.4324	3.4527	5.4767	7.7586	10.4651	12.7358		
0.028	0.2314	0.5634	0.9459	1.1765	1.6766	2.5225	3.5806	5.6795	8.0460	10.8527	13.2075		
0.029	0.2397	0.5835	0.9797	1.2185	1.7365	2.6126	3.7084	5.8824	8.3333	11.2403	13.6792		
0.030	0.2479	0.6036	1.0135	1.2605	1.7964	2.7027	3.8363	6.0852	8.6207	11.6279	14.1509		
0.031	0.2562	0.6237	1.0473	1.3025	1.8563	2.7928	3.9642	6.2880	8.9080	12.0155	14.6226		
0.032	0.2645	0.6439	1.0811	1.3445	1.9162	2.8829	4.0921	6.4909	9.1954	12.4031	15.0943		
0.033	0.2727	0.6640	1.1149	1.3866	1.9760	2.9730	4.2199	6.6937	9.4828	12.7907	15.5660		
0.034	0.2810	0.6841	1.1486	1.4286	2.0359	3.0631	4.3478	6.8966	9.7701	13.1783	16.0377		
0.035	0.2893	0.7042	1.1824	1.4706	2.0958	3.1532	4.4757	7.0994	10.0575	13.5659	16.5094		
0.036	0.2975	0.7243	1.2162	1.5126	2.1557	3.2432	4.6036	7.3022	10.3448	13.9535	16.9811		
0.037	0.3058	0.7445	1.2500	1.5546	2.2156	3.3333	4.7315	7.5051	10.6322	14.3411	17.4528		
0.038	0.3140	0.7646	1.2838	1.5966	2.2754	3.4234	4.8593	7.7079	10.9195	14.7287	17.9245		
0.039	0.3223	0.7847	1.3176	1.6387	2.3353	3.5135	4.9872	7.9108	11.2069	15.1163	18.3962		
0.040	0.3306	0.8048	1.3514	1.6807	2.3952	3.6036	5.1151	8.1136	11.4943	15.5039	18.8679		
0.041	0.3388	0.8249	1.3851	1.7227	2.4551	3.6937	5.2430	8.3164	11.7816	15.8915	19.3396		
0.042	0.3471	0.8451	1.4189	1.7647	2.5150	3.7838	5.3708	8.5193	12.0690	16.2791	19.8113		
0.043	0.3554	0.8652	1.4527	1.8067	2.5749	3.8739	5.4987	8.7221	12.3563	16.6667	20.2830		
0.044	0.3636	0.8853	1.4865	1.8487	2.6347	3.9640	5.6266	8.9249	12.6437	17.0543	20.7547		
0.045	0.3719	0.9054	1.5203	1.8908	2.6946	4.0541	5.7545	9.1278	12.9310	17.4419	21.2264		
0.046	0.3802	0.9256	1.5541	1.9328	2.7545	4.1441	5.8824	9.3306	13.2184	17.8295	21.6981		
0.047	0.3884	0.9457	1.5878	1.9748	2.8144	4.2342	6.0102	9.5335	13.5057	18.2171	22.1698		
0.048	0.3967	0.9658	1.6216	2.0168	2.8743	4.3243	6.1381	9.7363	13.7931	18.6047	22.6415		
0.049	0.4050	0.9859	1.6554	2.0588	2.9341	4.4144	6.2660	9.9391	14.0805	18.9922	23.1132		
0.050	0.4132	1.0060	1.6892	2.1008	2.9940	4.5045	6.3939	10.1420	14.3678	19.3798	23.5849		

Fuse Rating :	1 Amp	2 Amp	3 Amp	4 Amp	5 Amp	7.5 Amp	10 Amp	15 Amp	20 Amp	25 Amp	30 Amp		
Voltage Measurement	0.121	0.0497	0.0296	0.0238	0.0167	0.0111	0.00782	0.00493	0.00348	0.00258	0.00212		
0.051	0.4215	1.0262	1.7230	2.1429	3.0539	4.5946	6.5217	10.3448	14.6552	19.7674	24.0566		
0.052	0.4298	1.0463	1.7568	2.1849	3.1138	4.6847	6.6496	10.5477	14.9425	20.1550	24.5283		
0.053	0.4380	1.0664	1.7905	2.2269	3.1737	4.7748	6.7775	10.7505	15.2299	20.5426	25.0000		
0.054	0.4463	1.0865	1.8243	2.2689	3.2335	4.8649	6.9054	10.9533	15.5172	20.9302	25.4717		
0.055	0.4545	1.1066	1.8581	2.3109	3.2934	4.9550	7.0332	11.1562	15.8046	21.3178	25.9434		
0.056	0.4628	1.1268	1.8919	2.3529	3.3533	5.0450	7.1611	11.3590	16.0920	21.7054	26.4151		
0.057	0.4711	1.1469	1.9257	2.3950	3.4132	5.1351	7.2890	11.5619	16.3793	22.0930	26.8868		
0.058	0.4793	1.1670	1.9595	2.4370	3.4731	5.2252	7.4169	11.7647	16.6667	22.4806	27.3585		
0.059	0.4876	1.1871	1.9932	2.4790	3.5329	5.3153	7.5448	11.9675	16.9540	22.8682	27.8302		
0.060	0.4959	1.2072	2.0270	2.5210	3.5928	5.4054	7.6726	12.1704	17.2414	23.2558	28.3019		
0.061	0.5041	1.2274	2.0608	2.5630	3.6527	5.4955	7.8005	12.3732	17.5287	23.6434	28.7736		
0.062	0.5124	1.2475	2.0946	2.6050	3.7126	5.5856	7.9284	12.5761	17.8161	24.0310	29.2453		
0.063	0.5207	1.2676	2.1284	2.6471	3.7725	5.6757	8.0563	12.7789	18.1034	24.4186	29.7170		
0.064	0.5289	1.2877	2.1622	2.6891	3.8323	5.7658	8.1841	12.9817	18.3908	24.8062	30.1887		
0.065	0.5372	1.3078	2.1959	2.7311	3.8922	5.8559	8.3120	13.1846	18.6782	25.1938	30.6604		
0.066	0.5455	1.3280	2.2297	2.7731	3.9521	5.9459	8.4399	13.3874	18.9655	25.5814	31.1321		
0.067	0.5537	1.3481	2.2635	2.8151	4.0120	6.0360	8.5678	13.5903	19.2529	25.9690	31.6038		
0.068	0.5620	1.3682	2.2973	2.8571	4.0719	6.1261	8.6957	13.7931	19.5402	26.3566	32.0755		
0.069	0.5702	1.3883	2.3311	2.8992	4.1317	6.2162	8.8235	13.9959	19.8276	26.7442	32.5472		
0.070	0.5785	1.4085	2.3649	2.9412	4.1916	6.3063	8.9514	14.1988	20.1149	27.1318	33.0189		
0.071	0.5868	1.4286	2.3986	2.9832	4.2515	6.3964	9.0793	14.4016	20.4023	27.5194	33.4906		
0.072	0.5950	1.4487	2.4324	3.0252	4.3114	6.4865	9.2072	14.6045	20.6897	27.9070	33.9623		
0.073	0.6033	1.4688	2.4662	3.0672	4.3713	6.5766	9.3350	14.8073	20.9770	28.2946	34.4340		
0.074	0.6116	1.4889	2.5000	3.1092	4.4311	6.6667	9.4629	15.0101	21.2644	28.6822	34.9057		
0.075	0.6198	1.5091	2.5338	3.1513	4.4910	6.7568	9.5908	15.2130	21.5517	29.0698	35.3774		
0.076	0.6281	1.5292	2.5676	3.1933	4.5509	6.8468	9.7187	15.4158	21.8391	29.4574	35.8491		
0.077	0.6364	1.5493	2.6014	3.2353	4.6108	6.9369	9.8465	15.6187	22.1264	29.8450	36.3208		
0.078	0.6446	1.5694	2.6351	3.2773	4.6707	7.0270	9.9744	15.8215	22.4138	30.2326	36.7925		
0.079	0.6529	1.5895	2.6689	3.3193	4.7305	7.1171	10.1023	16.0243	22.7011	30.6202	37.2642		
0.080	0.6612	1.6097	2.7027	3.3613	4.7904	7.2072	10.2302	16.2272	22.9885	31.0078	37.7358		
0.081	0.6694	1.6298	2.7365	3.4034	4.8503	7.2973	10.3581	16.4300	23.2759	31.3953	38.2075		
0.082	0.6777	1.6499	2.7703	3.4454	4.9102	7.3874	10.4859	16.6329	23.5632	31.7829	38.6792		
0.083	0.6860	1.6700	2.8041	3.4874	4.9701	7.4775	10.6138	16.8357	23.8506	32.1705	39.1509		
0.084	0.6942	1.6901	2.8378	3.5294	5.0299	7.5676	10.7417	17.0385	24.1379	32.5581	39.6226		
0.085	0.7025	1.7103	2.8716	3.5714	5.0898	7.6577	10.8696	17.2414	24.4253	32.9457	40.0943		
0.086	0.7107	1.7304	2.9054	3.6134	5.1497	7.7477	10.9974	17.4442	24.7126	33.3333	40.5660		
0.087	0.7190	1.7505	2.9392	3.6555	5.2096	7.8378	11.1253	17.6471	25.0000	33.7209	41.0377		
0.088	0.7273	1.7706	2.9730	3.6975	5.2695	7.9279	11.2532	17.8499	25.2874	34.1085	41.5094		
0.089	0.7355	1.7907	3.0068	3.7395	5.3293	8.0180	11.3811	18.0527	25.5747	34.4961	41.9811		
0.090	0.7438	1.8109	3.0405	3.7815	5.3892	8.1081	11.5090	18.2556	25.8621	34.8837	42.4528		
0.091	0.7521	1.8310	3.0743	3.8235	5.4491	8.1982	11.6368	18.4584	26.1494	35.2713	42.9245		
0.092	0.7603	1.8511	3.1081	3.8655	5.5090	8.2883	11.7647	18.6613	26.4368	35.6589	43.3962		
0.093	0.7686	1.8712	3.1419	3.9076	5.5689	8.3784	11.8926	18.8641	26.7241	36.0465	43.8679		
0.094	0.7769	1.8913	3.1757	3.9496	5.6287	8.4685	12.0205	19.0669	27.0115	36.4341	44.3396		
0.095	0.7851	1.9115	3.2095	3.9916	5.6886	8.5586	12.1483	19.2698	27.2989	36.8217	44.8113		
0.096	0.7934	1.9316	3.2432	4.0336	5.7485	8.6486	12.2762	19.4726	27.5862	37.2093	45.2830		
0.097	0.8017	1.9517	3.2770	4.0756	5.8084	8.7387	12.4041	19.6755	27.8736	37.5969	45.7547		
0.098	0.8099	1.9718	3.3108	4.1176	5.8683	8.8288	12.5320	19.8783	28.1609	37.9845	46.2264		
0.099	0.8182	1.9920	3.3446	4.1597	5.9281	8.9189	12.6598	20.0811	28.4483	38.3721	46.6981		
0.100	0.8264	2.0121	3.3784	4.2017	5.9880	9.0090	12.7877	20.2840	28.7356	38.7597	47.1698		
0.101	0.8347	2.0322	3.4122	4.2437	6.0479	9.0991	12.9156	20.4868	29.0230	39.1473	47.6415		
0.102	0.8430	2.0523	3.4459	4.2857	6.1078	9.1892	13.0435	20.6897	29.3103	39.5349	48.1132		
0.103	0.8512	2.0724	3.4797	4.3277	6.1677	9.2793	13.1714	20.8925	29.5977	39.9225	48.5849		
0.104	0.8595	2.0926	3.5135	4.3697	6.2275	9.3694	13.2992	21.0953	29.8851	40.3101	49.0566		
0.105	0.8678	2.1127	3.5473	4.4118	6.2874	9.4595	13.4271	21.2982	30.1724	40.6977	49.5283		
0.106	0.8760	2.1328	3.5811	4.4538	6.3473	9.5495	13.5550	21.5010	30.4598	41.0853	50.0000		
0.107	0.8843	2.1529	3.6149	4.4958	6.4072	9.6396	13.6829	21.7039	30.7471	41.4729	50.4717		
0.108	0.8926	2.1730	3.6486	4.5378	6.4671	9.7297	13.8107	21.9067	31.0345	41.8605	50.9434		
0.109	0.9008	2.1932	3.6824	4.5798	6.5269	9.8198	13.9386	22.1095	31.3218	42.2481	51.4151		
0.110	0.9091	2.2133	3.7162	4.6218	6.5868	9.9099	14.0665	22.3124	31.6092	42.6357	51.8868		
0.111	0.9174	2.2334	3.7500	4.6639	6.6467	10.0000	14.1944	22.5152	31.8966	43.0233	52.3585		
0.112	0.9256	2.2535	3.7838	4.7059	6.7066	10.0901	14.3223	22.7181	32.1839	43.4109	52.8302		
0.113	0.9339	2.2736	3.8176	4.7479	6.7665	10.1802	14.4501	22.9209	32.4713	43.7984	53.3019		
0.114	0.9421	2.2938	3.8514	4.7899	6.8263	10.2703	14.5780	23.1237	32.7586	44.1860	53.7736		