



Product Overview Fuses

	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic											
Style: Midget Fuse																
 new	AEO 10.3x38 EV Fuse 10.3 x 38 mm, 1000 VDC, up to 50 A	10 - 50 A	- 1000 VDC	50 kA	EV Fuse	•	•						•			
	ASO 10.3x38 Midget Fuse, 10.3 x 38 mm, 1000 VDC, Photovoltaic, gPV	1 - 30 A	- 1000 VDC	20 kA	gPV	•	•							•		
Style: Miniature Fuse																
 new	SHF 6.3x32 Cartridge Fuse, 6.3x32 mm, 500 VAC, 500 VDC , 0.5 A-32 A, High Breaking Capacity >= 1500 A	0.5 - 32 A	500 VAC 500 VDC	50 kA	Quick-Acting F	•	•						•			
 new	SHF 6.3x32 Pigtail Axial Lead Fuse, 6.3x32 mm, 440 - 500 VAC, 400 - 500 VDC, 1-8 A, High Breaking Capacity >=1500 A	1 - 8 A	500 VAC -	20 kA	Quick-Acting F	•	•						•			
 new	SHT 6.3x32 Cartridge Fuse, 6.3x32 mm, 400-500 VAC, 400 VDC, 1-32 A, High Breaking Capacity up to 3500 A	0.5 - 32 A	500 VAC 400 VDC	20 kA	Time-Lag T	•	•						•			
 new	SHT 6.3x32 Pigtail Axial Lead Fuse, 6.3x32 mm, 500 VAC, 400 VDC, 1-10 A, High Breaking Capacity up to 3500 A	1 - 10 A	500 VAC -	20 kA	Time-Lag T	•	•						•			
	FSF 5x20 Miniature Fuse, 5 x 20 mm, Quick-Acting F, L, 250 VAC	0.032 - 10 A	250 VAC -	100 A	Quick-Acting F	•	•		•				•			•
	FSF 5x20 Pigtail Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Quick-Acting F, L, 250 VAC	0.1 - 10 A	250 VAC -	100 A	Quick-Acting F	•	•						•			
	FST 5x20 Miniature Fuse, 5 x 20 mm, Time-Lag T, L, 250 VAC	0.05 - 20 A	250 VAC -	200 A	Time-Lag T	•	•		•				•		•	•



	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic											
	FST 5x20 Pigtail Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Time-Lag T, L, 250 VAC	0.05 - 20 A	250 VAC _	200 A	Time-Lag T	•	•			•						
	SP 5x20 Miniature Fuse, 5 x 20 mm, Quick-Acting F, H, 250 VAC	0.5 - 16 A	250 VAC _	1500 A	Quick-Acting F	•	•	•		•						•
	SP 5x20 Pigtail Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Quick-Acting F, H, 250 VAC	0.5 - 16 A	250 VAC _	1500 A	Quick-Acting F	•	•			•						
	SPT 5x20 Miniature Fuse, 5 x 20 mm, Time-Lag T, H, 250 VAC, UL: 115 V - 300 VDC	0.5 - 16 A	250 VAC 300 VDC	1500 A	Time-Lag T	•	•	•		•					•	•
	SPT 5x20 Pigtail Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Time-Lag T, H, 250 VAC, UL: 115 - 300 VDC	0.5 - 16 A	250 VAC 300 VDC	1500 A	Time-Lag T	•	•			•					•	
	FSK 5x20 Miniature Fuse, 5 x 20 mm, Quick-Acting F, cULus, 250 VAC	0.05 - 6.3 A	250 VAC _	10 kA	Quick-Acting F	•	•			•						
	FSK 5x20 Pigtail Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Quick-Acting F, cULus, 250 VAC	0.05 - 6.3 A	250 VAC _	10 kA	Quick-Acting F	•	•			•						
	FSL 5x20 Miniature Fuse, 5 x 20 mm, Time-Lag T, cULus, 250 VAC	0.08 - 3 A	250 VAC _	10 kA	Time-Lag T	•	•			•						
	FSL 5x20 Pigtail Miniature Fuse with Pigtail, 5.4 x 22.5 mm, Time-Lag T, cULus, 250 VAC	0.08 - 3 A	250 VAC _	10 kA	Time-Lag T	•	•			•						
	SA 5x20 Miniature Fuse, 5 x 20 mm, Super-Quick-Acting FF, 250 VAC	1.6 - 10 A	250 VAC _	1500 A	Super-Quick-Acting FF	•	•									



Fuses (PG01_2)

	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic	RoHS	REACH	Halogen Free	UL	UL105	UL106	UL107	UL108	UL109	UL110	UL111	UL112	UL113	UL114	UL115	UL116	UL117	UL118	UL119	UL120	UL121	UL122	UL123	UL124	UL125	UL126	UL127	UL128	UL129	UL130	UL131	UL132	UL133	UL134	UL135	UL136	UL137	UL138	UL139	UL140	UL141	UL142	UL143	UL144	UL145	UL146	UL147	UL148	UL149	UL150	UL151	UL152	UL153	UL154	UL155	UL156	UL157	UL158	UL159	UL160	UL161	UL162	UL163	UL164	UL165	UL166	UL167	UL168	UL169	UL170	UL171	UL172	UL173	UL174	UL175	UL176	UL177	UL178	UL179	UL180	UL181	UL182	UL183	UL184	UL185	UL186	UL187	UL188	UL189	UL190	UL191	UL192	UL193	UL194	UL195	UL196	UL197	UL198	UL199	UL200	UL201	UL202	UL203	UL204	UL205	UL206	UL207	UL208	UL209	UL210	UL211	UL212	UL213	UL214	UL215	UL216	UL217	UL218	UL219	UL220	UL221	UL222	UL223	UL224	UL225	UL226	UL227	UL228	UL229	UL230	UL231	UL232	UL233	UL234	UL235	UL236	UL237	UL238	UL239	UL240	UL241	UL242	UL243	UL244	UL245	UL246	UL247	UL248	UL249	UL250	UL251	UL252	UL253	UL254	UL255	UL256	UL257	UL258	UL259	UL260	UL261	UL262	UL263	UL264	UL265	UL266	UL267	UL268	UL269	UL270	UL271	UL272	UL273	UL274	UL275	UL276	UL277	UL278	UL279	UL280	UL281	UL282	UL283	UL284	UL285	UL286	UL287	UL288	UL289	UL290	UL291	UL292	UL293	UL294	UL295	UL296	UL297	UL298	UL299	UL300	UL301	UL302	UL303	UL304	UL305	UL306	UL307	UL308	UL309	UL310	UL311	UL312	UL313	UL314	UL315	UL316	UL317	UL318	UL319	UL320	UL321	UL322	UL323	UL324	UL325	UL326	UL327	UL328	UL329	UL330	UL331	UL332	UL333	UL334	UL335	UL336	UL337	UL338	UL339	UL340	UL341	UL342	UL343	UL344	UL345	UL346	UL347	UL348	UL349	UL350	UL351	UL352	UL353	UL354	UL355	UL356	UL357	UL358	UL359	UL360	UL361	UL362	UL363	UL364	UL365	UL366	UL367	UL368	UL369	UL370	UL371	UL372	UL373	UL374	UL375	UL376	UL377	UL378	UL379	UL380	UL381	UL382	UL383	UL384	UL385	UL386	UL387	UL388	UL389	UL390	UL391	UL392	UL393	UL394	UL395	UL396	UL397	UL398	UL399	UL400	UL401	UL402	UL403	UL404	UL405	UL406	UL407	UL408	UL409	UL410	UL411	UL412	UL413	UL414	UL415	UL416	UL417	UL418	UL419	UL420	UL421	UL422	UL423	UL424	UL425	UL426	UL427	UL428	UL429	UL430	UL431	UL432	UL433	UL434	UL435	UL436	UL437	UL438	UL439	UL440	UL441	UL442	UL443	UL444	UL445	UL446	UL447	UL448	UL449	UL450	UL451	UL452	UL453	UL454	UL455	UL456	UL457	UL458	UL459	UL460	UL461	UL462	UL463	UL464	UL465	UL466	UL467	UL468	UL469	UL470	UL471	UL472	UL473	UL474	UL475	UL476	UL477	UL478	UL479	UL480	UL481	UL482	UL483	UL484	UL485	UL486	UL487	UL488	UL489	UL490	UL491	UL492	UL493	UL494	UL495	UL496	UL497	UL498	UL499	UL500	UL501	UL502	UL503	UL504	UL505	UL506	UL507	UL508	UL509	UL510	UL511	UL512	UL513	UL514	UL515	UL516	UL517	UL518	UL519	UL520	UL521	UL522	UL523	UL524	UL525	UL526	UL527	UL528	UL529	UL530	UL531	UL532	UL533	UL534	UL535	UL536	UL537	UL538	UL539	UL540	UL541	UL542	UL543	UL544	UL545	UL546	UL547	UL548	UL549	UL550	UL551	UL552	UL553	UL554	UL555	UL556	UL557	UL558	UL559	UL560	UL561	UL562	UL563	UL564	UL565	UL566	UL567	UL568	UL569	UL570	UL571	UL572	UL573	UL574	UL575	UL576	UL577	UL578	UL579	UL580	UL581	UL582	UL583	UL584	UL585	UL586	UL587	UL588	UL589	UL590	UL591	UL592	UL593	UL594	UL595	UL596	UL597	UL598	UL599	UL600	UL601	UL602	UL603	UL604	UL605	UL606	UL607	UL608	UL609	UL610	UL611	UL612	UL613	UL614	UL615	UL616	UL617	UL618	UL619	UL620	UL621	UL622	UL623	UL624	UL625	UL626	UL627	UL628	UL629	UL630	UL631	UL632	UL633	UL634	UL635	UL636	UL637	UL638	UL639	UL640	UL641	UL642	UL643	UL644	UL645	UL646	UL647	UL648	UL649	UL650	UL651	UL652	UL653	UL654	UL655	UL656	UL657	UL658	UL659	UL660	UL661	UL662	UL663	UL664	UL665	UL666	UL667	UL668	UL669	UL670	UL671	UL672	UL673	UL674	UL675	UL676	UL677	UL678	UL679	UL680	UL681	UL682	UL683	UL684	UL685	UL686	UL687	UL688	UL689	UL690	UL691	UL692	UL693	UL694	UL695	UL696	UL697	UL698	UL699	UL700	UL701	UL702	UL703	UL704	UL705	UL706	UL707	UL708	UL709	UL710	UL711	UL712	UL713	UL714	UL715	UL716	UL717	UL718	UL719	UL720	UL721	UL722	UL723	UL724	UL725	UL726	UL727	UL728	UL729	UL730	UL731	UL732	UL733	UL734	UL735	UL736	UL737	UL738	UL739	UL740	UL741	UL742	UL743	UL744	UL745	UL746	UL747	UL748	UL749	UL750	UL751	UL752	UL753	UL754	UL755	UL756	UL757	UL758	UL759	UL760	UL761	UL762	UL763	UL764	UL765	UL766	UL767	UL768	UL769	UL770	UL771	UL772	UL773	UL774	UL775	UL776	UL777	UL778	UL779	UL780	UL781	UL782	UL783	UL784	UL785	UL786	UL787	UL788	UL789	UL790	UL791	UL792	UL793	UL794	UL795	UL796	UL797	UL798	UL799	UL800	UL801	UL802	UL803	UL804	UL805	UL806	UL807	UL808	UL809	UL810	UL811	UL812	UL813	UL814	UL815	UL816	UL817	UL818	UL819	UL820	UL821	UL822	UL823	UL824	UL825	UL826	UL827	UL828	UL829	UL830	UL831	UL832	UL833	UL834	UL835	UL836	UL837	UL838	UL839	UL840	UL841	UL842	UL843	UL844	UL845	UL846	UL847	UL848	UL849	UL850	UL851	UL852	UL853	UL854	UL855	UL856	UL857	UL858	UL859	UL860	UL861	UL862	UL863	UL864	UL865	UL866	UL867	UL868	UL869	UL870	UL871	UL872	UL873	UL874	UL875	UL876	UL877	UL878	UL879	UL880	UL881	UL882	UL883	UL884	UL885	UL886	UL887	UL888	UL889	UL890	UL891	UL892	UL893	UL894	UL895	UL896	UL897	UL898	UL899	UL900	UL901	UL902	UL903	UL904	UL905	UL906	UL907	UL908	UL909	UL910	UL911	UL912	UL913	UL914	UL915	UL916	UL917	UL918	UL919	UL920	UL921	UL922	UL923	UL924	UL925	UL926	UL927	UL928	UL929	UL930	UL931	UL932	UL933	UL934	UL935	UL936	UL937	UL938	UL939	UL940	UL941	UL942	UL943	UL944	UL945	UL946	UL947	UL948	UL949	UL950	UL951	UL952	UL953	UL954	UL955	UL956	UL957	UL958	UL959	UL960	UL961	UL962	UL963	UL964	UL965	UL966	UL967	UL968	UL969	UL970	UL971	UL972	UL973	UL974	UL975	UL976	UL977	UL978	UL979	UL980	UL981	UL982	UL983	UL984	UL985	UL986	UL987	UL988	UL989	UL990	UL991	UL992	UL993	UL994	UL995	UL996	UL997	UL998	UL999	UL1000	UL1001	UL1002	UL1003	UL1004	UL1005	UL1006	UL1007	UL1008	UL1009	UL1010	UL1011	UL1012	UL1013	UL1014	UL1015	UL1016	UL1017	UL1018	UL1019	UL1020	UL1021	UL1022	UL1023	UL1024	UL1025	UL1026	UL1027	UL1028	UL1029	UL1030	UL1031	UL1032	UL1033	UL1034	UL1035	UL1036	UL1037	UL1038	UL1039	UL1040	UL1041	UL1042	UL1043	UL1044	UL1045	UL1046	UL1047	UL1048	UL1049	UL1050	UL1051	UL1052	UL1053	UL1054	UL1055	UL1056	UL1057	UL1058	UL1059	UL1060	UL1061	UL1062	UL1063	UL1064	UL1065	UL1066	UL1067	UL1068	UL1069	UL1070	UL1071	UL1072	UL1073	UL1074	UL1075	UL1076	UL1077	UL1078	UL1079	UL1080	UL1081	UL1082	UL1083	UL1084	UL1085	UL1086	UL1087	UL1088	UL1089	UL1090	UL1091	UL1092	UL1093	UL1094	UL1095	UL1096	UL1097	UL1098	UL1099	UL1100	UL1101	UL1102	UL1103	UL1104	UL1105	UL1106	UL1107	UL1108	UL1109	UL1110	UL1111	UL1112	UL1113	UL1114	UL1115	UL1116	UL1117	UL1118	UL1119	UL1120	UL1121	UL1122	UL1123	UL1124	UL1125	UL1126	UL1127	UL1128	UL1129	UL1130	UL1131	UL1132	UL1133	UL1134	UL1135	UL1136	UL1137	UL1138	UL1139	UL1140	UL1141	UL1142	UL1143	UL1144	UL1145	UL1146	UL1147	UL1148	UL1149	UL1150	UL1151	UL1152	UL1153	UL1154	UL1155	UL1156	UL1157	UL1158	UL1159	UL1160	UL1161	UL1162	UL1163	UL1164	UL1165	UL1166	UL1167	UL1168	UL1169	UL1170	UL1171	UL1172	UL1173	UL1174	UL1175	UL1176	UL1177	UL1178	UL1179	UL1180	UL1181	UL1182	UL1183	UL1184	UL1185	UL1186	UL1187	UL1188	UL1189	UL1190	UL1191	UL1192	UL1193	UL1194	UL1195	UL1196	UL1197	UL1198	UL1199	UL1200	UL1201	UL1202	UL1203	UL1204	UL1205	UL1206	UL1207	UL1208	UL1209	UL1210	UL1211	UL1212	UL1213	UL1214	UL1215	UL1216	UL1217	UL1218	UL1219	UL1220	UL1221	UL1222	UL1223	UL1224	UL1225	UL1226	UL1227	UL1228	UL1229	UL1230	UL1231	UL1232	UL1233	UL1234	UL1235	UL1236	UL1237	UL1238	UL1239	UL1240	UL1241	UL1242	UL1243	UL1244	UL1245	UL1246	UL1247	UL1248	UL1249	UL1250	UL1251	UL1252	UL1253	UL1254	UL1255	UL1256	UL1257	UL1258	UL1259	UL1260	UL1261	UL1262	UL1263	UL1264	UL1265	UL1266	UL1267	UL1268	UL1269	UL1270	UL1271	UL1272	UL1273	UL1274	UL1275	UL1276	UL1277	UL1278	UL1279	UL1280	UL1281	UL1282	UL1283	UL1284	UL1285	UL1286	UL1287	UL1288	UL1289	UL1290	UL1291	UL1292	UL1293	UL1294	UL1295	UL1296	UL1297	UL1298	UL1299	UL1300	UL1301	UL1302	UL1303	UL1304	UL1305	UL1306	UL1307	UL1308	UL1309	UL1310	UL1311	UL1312	UL1313	UL1314	UL1315	UL1316	UL1317	UL1318	UL1319	UL1320	UL1321	UL1322	UL1323	UL1324	UL1325	UL1326	UL1327	UL1328	UL1329	UL1330	UL1331	UL1332	UL1333	UL1334	UL1335	UL1336	UL1337	UL1338	UL1339	UL1340	UL1341	UL1342	UL1343	UL1344	UL1345	UL1346	UL1347	UL1348	UL1349	UL1350	UL1351	UL1352	UL1353	UL1354	UL1355	UL1356	UL1357	UL1358	UL1359	UL1360	UL1361	UL1362	UL1363	UL1364	UL1365	UL1366	UL1367	UL1368	UL1369	UL1370	UL1371	UL1372	UL1373	UL1374	UL1375	UL1376	UL1377	UL1378	UL1379	UL1380	UL1381	UL1382	UL1383	UL1384	UL1385	UL1386	UL1387	UL1388	UL1389	UL1390	UL1391	UL1392	UL1393	UL1394	UL1395	UL1396	UL1397	UL1398
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[illegible]

Style: Subminiature Fuse



Fuses (PG01_2)

	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic	RoHS	REACH	Halogen Free	CC	UL	UL105	UL106	UL107	UL108	UL109	UL110	UL111	UL112	UL113	UL114	UL115	UL116	UL117	UL118	UL119	UL120	UL121	UL122	UL123	UL124	UL125	UL126	UL127	UL128	UL129	UL130	UL131	UL132	UL133	UL134	UL135	UL136	UL137	UL138	UL139	UL140	UL141	UL142	UL143	UL144	UL145	UL146	UL147	UL148	UL149	UL150	UL151	UL152	UL153	UL154	UL155	UL156	UL157	UL158	UL159	UL160	UL161	UL162	UL163	UL164	UL165	UL166	UL167	UL168	UL169	UL170	UL171	UL172	UL173	UL174	UL175	UL176	UL177	UL178	UL179	UL180	UL181	UL182	UL183	UL184	UL185	UL186	UL187	UL188	UL189	UL190	UL191	UL192	UL193	UL194	UL195	UL196	UL197	UL198	UL199	UL200	UL201	UL202	UL203	UL204	UL205	UL206	UL207	UL208	UL209	UL210	UL211	UL212	UL213	UL214	UL215	UL216	UL217	UL218	UL219	UL220	UL221	UL222	UL223	UL224	UL225	UL226	UL227	UL228	UL229	UL230	UL231	UL232	UL233	UL234	UL235	UL236	UL237	UL238	UL239	UL240	UL241	UL242	UL243	UL244	UL245	UL246	UL247	UL248	UL249	UL250	UL251	UL252	UL253	UL254	UL255	UL256	UL257	UL258	UL259	UL260	UL261	UL262	UL263	UL264	UL265	UL266	UL267	UL268	UL269	UL270	UL271	UL272	UL273	UL274	UL275	UL276	UL277	UL278	UL279	UL280	UL281	UL282	UL283	UL284	UL285	UL286	UL287	UL288	UL289	UL290	UL291	UL292	UL293	UL294	UL295	UL296	UL297	UL298	UL299	UL300	UL301	UL302	UL303	UL304	UL305	UL306	UL307	UL308	UL309	UL310	UL311	UL312	UL313	UL314	UL315	UL316	UL317	UL318	UL319	UL320	UL321	UL322	UL323	UL324	UL325	UL326	UL327	UL328	UL329	UL330	UL331	UL332	UL333	UL334	UL335	UL336	UL337	UL338	UL339	UL340	UL341	UL342	UL343	UL344	UL345	UL346	UL347	UL348	UL349	UL350	UL351	UL352	UL353	UL354	UL355	UL356	UL357	UL358	UL359	UL360	UL361	UL362	UL363	UL364	UL365	UL366	UL367	UL368	UL369	UL370	UL371	UL372	UL373	UL374	UL375	UL376	UL377	UL378	UL379	UL380	UL381	UL382	UL383	UL384	UL385	UL386	UL387	UL388	UL389	UL390	UL391	UL392	UL393	UL394	UL395	UL396	UL397	UL398	UL399	UL400	UL401	UL402	UL403	UL404	UL405	UL406	UL407	UL408	UL409	UL410	UL411	UL412	UL413	UL414	UL415	UL416	UL417	UL418	UL419	UL420	UL421	UL422	UL423	UL424	UL425	UL426	UL427	UL428	UL429	UL430	UL431	UL432	UL433	UL434	UL435	UL436	UL437	UL438	UL439	UL440	UL441	UL442	UL443	UL444	UL445	UL446	UL447	UL448	UL449	UL450	UL451	UL452	UL453	UL454	UL455	UL456	UL457	UL458	UL459	UL460	UL461	UL462	UL463	UL464	UL465	UL466	UL467	UL468	UL469	UL470	UL471	UL472	UL473	UL474	UL475	UL476	UL477	UL478	UL479	UL480	UL481	UL482	UL483	UL484	UL485	UL486	UL487	UL488	UL489	UL490	UL491	UL492	UL493	UL494	UL495	UL496	UL497	UL498	UL499	UL500	UL501	UL502	UL503	UL504	UL505	UL506	UL507	UL508	UL509	UL510	UL511	UL512	UL513	UL514	UL515	UL516	UL517	UL518	UL519	UL520	UL521	UL522	UL523	UL524	UL525	UL526	UL527	UL528	UL529	UL530	UL531	UL532	UL533	UL534	UL535	UL536	UL537	UL538	UL539	UL540	UL541	UL542	UL543	UL544	UL545	UL546	UL547	UL548	UL549	UL550	UL551	UL552	UL553	UL554	UL555	UL556	UL557	UL558	UL559	UL560	UL561	UL562	UL563	UL564	UL565	UL566	UL567	UL568	UL569	UL570	UL571	UL572	UL573	UL574	UL575	UL576	UL577	UL578	UL579	UL580	UL581	UL582	UL583	UL584	UL585	UL586	UL587	UL588	UL589	UL590	UL591	UL592	UL593	UL594	UL595	UL596	UL597	UL598	UL599	UL600	UL601	UL602	UL603	UL604	UL605	UL606	UL607	UL608	UL609	UL610	UL611	UL612	UL613	UL614	UL615	UL616	UL617	UL618	UL619	UL620	UL621	UL622	UL623	UL624	UL625	UL626	UL627	UL628	UL629	UL630	UL631	UL632	UL633	UL634	UL635	UL636	UL637	UL638	UL639	UL640	UL641	UL642	UL643	UL644	UL645	UL646	UL647	UL648	UL649	UL650	UL651	UL652	UL653	UL654	UL655	UL656	UL657	UL658	UL659	UL660	UL661	UL662	UL663	UL664	UL665	UL666	UL667	UL668	UL669	UL670	UL671	UL672	UL673	UL674	UL675	UL676	UL677	UL678	UL679	UL680	UL681	UL682	UL683	UL684	UL685	UL686	UL687	UL688	UL689	UL690	UL691	UL692	UL693	UL694	UL695	UL696	UL697	UL698	UL699	UL700	UL701	UL702	UL703	UL704	UL705	UL706	UL707	UL708	UL709	UL710	UL711	UL712	UL713	UL714	UL715	UL716	UL717	UL718	UL719	UL720	UL721	UL722	UL723	UL724	UL725	UL726	UL727	UL728	UL729	UL730	UL731	UL732	UL733	UL734	UL735	UL736	UL737	UL738	UL739	UL740	UL741	UL742	UL743	UL744	UL745	UL746	UL747	UL748	UL749	UL750	UL751	UL752	UL753	UL754	UL755	UL756	UL757	UL758	UL759	UL760	UL761	UL762	UL763	UL764	UL765	UL766	UL767	UL768	UL769	UL770	UL771	UL772	UL773	UL774	UL775	UL776	UL777	UL778	UL779	UL780	UL781	UL782	UL783	UL784	UL785	UL786	UL787	UL788	UL789	UL790	UL791	UL792	UL793	UL794	UL795	UL796	UL797	UL798	UL799	UL800	UL801	UL802	UL803	UL804	UL805	UL806	UL807	UL808	UL809	UL810	UL811	UL812	UL813	UL814	UL815	UL816	UL817	UL818	UL819	UL820	UL821	UL822	UL823	UL824	UL825	UL826	UL827	UL828	UL829	UL830	UL831	UL832	UL833	UL834	UL835	UL836	UL837	UL838	UL839	UL840	UL841	UL842	UL843	UL844	UL845	UL846	UL847	UL848	UL849	UL850	UL851	UL852	UL853	UL854	UL855	UL856	UL857	UL858	UL859	UL860	UL861	UL862	UL863	UL864	UL865	UL866	UL867	UL868	UL869	UL870	UL871	UL872	UL873	UL874	UL875	UL876	UL877	UL878	UL879	UL880	UL881	UL882	UL883	UL884	UL885	UL886	UL887	UL888	UL889	UL890	UL891	UL892	UL893	UL894	UL895	UL896	UL897	UL898	UL899	UL900	UL901	UL902	UL903	UL904	UL905	UL906	UL907	UL908	UL909	UL910	UL911	UL912	UL913	UL914	UL915	UL916	UL917	UL918	UL919	UL920	UL921	UL922	UL923	UL924	UL925	UL926	UL927	UL928	UL929	UL930	UL931	UL932	UL933	UL934	UL935	UL9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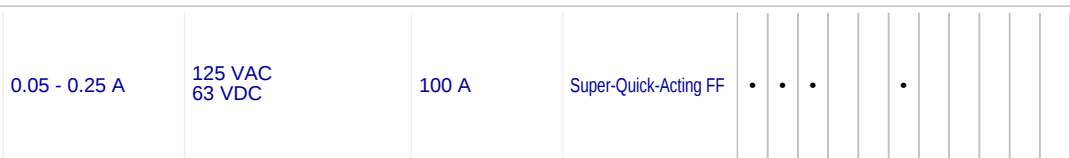
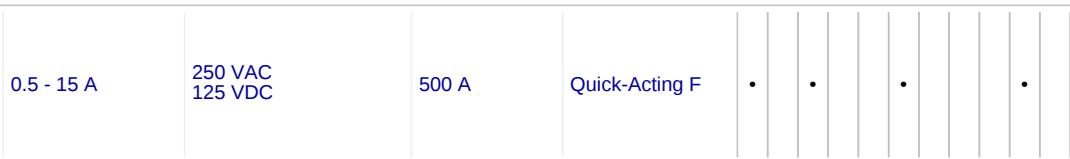
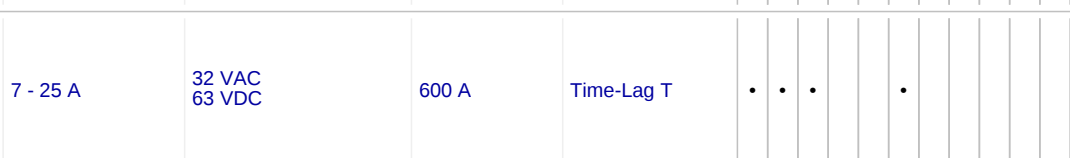
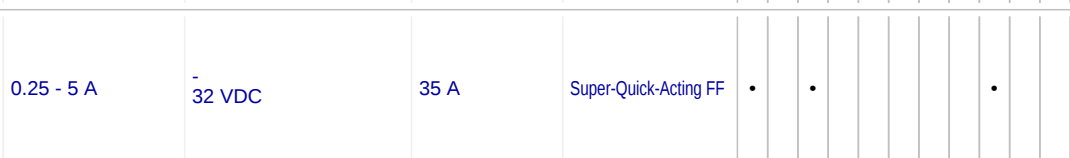


	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic	RoHS	UL94V-0	Halogen Free	CN	CCC	CE	UL	VDE	DIN EN 60898-1	DIN EN 60898-2	DIN EN 60898-3	DIN EN 60898-4	DIN EN 60898-5	DIN EN 60898-6	DIN EN 60898-7	DIN EN 60898-8	DIN EN 60898-9	DIN EN 60898-10	DIN EN 60898-11	DIN EN 60898-12	DIN EN 60898-13	DIN EN 60898-14	DIN EN 60898-15	DIN EN 60898-16	DIN EN 60898-17	DIN EN 60898-18	DIN EN 60898-19	DIN EN 60898-20	DIN EN 60898-21	DIN EN 60898-22	DIN EN 60898-23	DIN EN 60898-24	DIN EN 60898-25	DIN EN 60898-26	DIN EN 60898-27	DIN EN 60898-28	DIN EN 60898-29	DIN EN 60898-30	DIN EN 60898-31	DIN EN 60898-32	DIN EN 60898-33	DIN EN 60898-34	DIN EN 60898-35	DIN EN 60898-36	DIN EN 60898-37	DIN EN 60898-38	DIN EN 60898-39	DIN EN 60898-40	DIN EN 60898-41	DIN EN 60898-42	DIN EN 60898-43	DIN EN 60898-44	DIN EN 60898-45	DIN EN 60898-46	DIN EN 60898-47	DIN EN 60898-48	DIN EN 60898-49	DIN EN 60898-50	DIN EN 60898-51	DIN EN 60898-52	DIN EN 60898-53	DIN EN 60898-54	DIN EN 60898-55	DIN EN 60898-56	DIN EN 60898-57	DIN EN 60898-58	DIN EN 60898-59	DIN EN 60898-60	DIN EN 60898-61	DIN EN 60898-62	DIN EN 60898-63	DIN EN 60898-64	DIN EN 60898-65	DIN EN 60898-66	DIN EN 60898-67	DIN EN 60898-68	DIN EN 60898-69	DIN EN 60898-70	DIN EN 60898-71	DIN EN 60898-72	DIN EN 60898-73	DIN EN 60898-74	DIN EN 60898-75	DIN EN 60898-76	DIN EN 60898-77	DIN EN 60898-78	DIN EN 60898-79	DIN EN 60898-80	DIN EN 60898-81	DIN EN 60898-82	DIN EN 60898-83	DIN EN 60898-84	DIN EN 60898-85	DIN EN 60898-86	DIN EN 60898-87	DIN EN 60898-88	DIN EN 60898-89	DIN EN 60898-90	DIN EN 60898-91	DIN EN 60898-92	DIN EN 60898-93	DIN EN 60898-94	DIN EN 60898-95	DIN EN 60898-96	DIN EN 60898-97	DIN EN 60898-98	DIN EN 60898-99	DIN EN 60898-100	DIN EN 60898-101	DIN EN 60898-102	DIN EN 60898-103	DIN EN 60898-104	DIN EN 60898-105	DIN EN 60898-106	DIN EN 60898-107	DIN EN 60898-108	DIN EN 60898-109	DIN EN 60898-110	DIN EN 60898-111	DIN EN 60898-112	DIN EN 60898-113	DIN EN 60898-114	DIN EN 60898-115	DIN EN 60898-116	DIN EN 60898-117	DIN EN 60898-118	DIN EN 60898-119	DIN EN 60898-120	DIN EN 60898-121	DIN EN 60898-122	DIN EN 60898-123	DIN EN 60898-124	DIN EN 60898-125	DIN EN 60898-126	DIN EN 60898-127	DIN EN 60898-128	DIN EN 60898-129	DIN EN 60898-130	DIN EN 60898-131	DIN EN 60898-132	DIN EN 60898-133	DIN EN 60898-134	DIN EN 60898-135	DIN EN 60898-136	DIN EN 60898-137	DIN EN 60898-138	DIN EN 60898-139	DIN EN 60898-140	DIN EN 60898-141	DIN EN 60898-142	DIN EN 60898-143	DIN EN 60898-144	DIN EN 60898-145	DIN EN 60898-146	DIN EN 60898-147	DIN EN 60898-148	DIN EN 60898-149	DIN EN 60898-150	DIN EN 60898-151	DIN EN 60898-152	DIN EN 60898-153	DIN EN 60898-154	DIN EN 60898-155	DIN EN 60898-156	DIN EN 60898-157	DIN EN 60898-158	DIN EN 60898-159	DIN EN 60898-160	DIN EN 60898-161	DIN EN 60898-162	DIN EN 60898-163	DIN EN 60898-164	DIN EN 60898-165	DIN EN 60898-166	DIN EN 60898-167	DIN EN 60898-168	DIN EN 60898-169	DIN EN 60898-170	DIN EN 60898-171	DIN EN 60898-172	DIN EN 60898-173	DIN EN 60898-174	DIN EN 60898-175	DIN EN 60898-176	DIN EN 60898-177	DIN EN 60898-178	DIN EN 60898-179	DIN EN 60898-180	DIN EN 60898-181	DIN EN 60898-182	DIN EN 60898-183	DIN EN 60898-184	DIN EN 60898-185	DIN EN 60898-186	DIN EN 60898-187	DIN EN 60898-188	DIN EN 60898-189	DIN EN 60898-190	DIN EN 60898-191	DIN EN 60898-192	DIN EN 60898-193	DIN EN 60898-194	DIN EN 60898-195	DIN EN 60898-196	DIN EN 60898-197	DIN EN 60898-198	DIN EN 60898-199	DIN EN 60898-200	DIN EN 60898-201	DIN EN 60898-202	DIN EN 60898-203	DIN EN 60898-204	DIN EN 60898-205	DIN EN 60898-206	DIN EN 60898-207	DIN EN 60898-208	DIN EN 60898-209	DIN EN 60898-210	DIN EN 60898-211	DIN EN 60898-212	DIN EN 60898-213	DIN EN 60898-214	DIN EN 60898-215	DIN EN 60898-216	DIN EN 60898-217	DIN EN 60898-218	DIN EN 60898-219	DIN EN 60898-220	DIN EN 60898-221	DIN EN 60898-222	DIN EN 60898-223	DIN EN 60898-224	DIN EN 60898-225	DIN EN 60898-226	DIN EN 60898-227	DIN EN 60898-228	DIN EN 60898-229	DIN EN 60898-230	DIN EN 60898-231	DIN EN 60898-232	DIN EN 60898-233	DIN EN 60898-234	DIN EN 60898-235	DIN EN 60898-236	DIN EN 60898-237	DIN EN 60898-238	DIN EN 60898-239	DIN EN 60898-240
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	UMK 250 Surface Mount Fuse with Clip, 4.2 x 11.3 mm, Quick-Acting F, UMK 250 = UMF 250 (Au) + UMC 250	0.5 - 4 A	250 VAC 125 VDC	100-200 A	Quick-Acting F	•		•		•		•			
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[illegible]

5 - 20 A	125 VAC 125 VDC	up to 1000 A	Super-Time-Lag TT	•		•			•								
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[illegible][illegible]



	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic	RoHS	REACH	Halogen Free	UL94	UL10	UL15	UL16	UL17	UL18	UL19	UL20	UL21	UL22	UL23	UL24	UL25	UL26	UL27	UL28	UL29	UL30	UL31	UL32	UL33	UL34	UL35	UL36	UL37	UL38	UL39	UL40	UL41	UL42	UL43	UL44	UL45	UL46	UL47	UL48	UL49	UL50	UL51	UL52	UL53	UL54	UL55	UL56	UL57	UL58	UL59	UL60	UL61	UL62	UL63	UL64	UL65	UL66	UL67	UL68	UL69	UL70	UL71	UL72	UL73	UL74	UL75	UL76	UL77	UL78	UL79	UL80	UL81	UL82	UL83	UL84	UL85	UL86	UL87	UL88	UL89	UL90	UL91	UL92	UL93	UL94	UL95	UL96	UL97	UL98	UL99	UL100	UL101	UL102	UL103	UL104	UL105	UL106	UL107	UL108	UL109	UL110	UL111	UL112	UL113	UL114	UL115	UL116	UL117	UL118	UL119	UL120	UL121	UL122	UL123	UL124	UL125	UL126	UL127	UL128	UL129	UL130	UL131	UL132	UL133	UL134	UL135	UL136	UL137	UL138	UL139	UL140	UL141	UL142	UL143	UL144	UL145	UL146	UL147	UL148	UL149	UL150	UL151	UL152	UL153	UL154	UL155	UL156	UL157	UL158	UL159	UL160	UL161	UL162	UL163	UL164	UL165	UL166	UL167	UL168	UL169	UL170	UL171	UL172	UL173	UL174	UL175	UL176	UL177	UL178	UL179	UL180	UL181	UL182	UL183	UL184	UL185	UL186	UL187	UL188	UL189	UL190	UL191	UL192	UL193	UL194	UL195	UL196	UL197	UL198	UL199	UL200	UL201	UL202	UL203	UL204	UL205	UL206	UL207	UL208	UL209	UL210	UL211	UL212	UL213	UL214	UL215	UL216	UL217	UL218	UL219	UL220	UL221	UL222	UL223	UL224	UL225	UL226	UL227	UL228	UL229	UL230	UL231	UL232	UL233	UL234	UL235	UL236	UL237	UL238	UL239	UL240	UL241	UL242	UL243	UL244	UL245	UL246	UL247	UL248	UL249	UL250	UL251	UL252	UL253	UL254	UL255	UL256	UL257	UL258	UL259	UL260	UL261	UL262	UL263	UL264	UL265	UL266	UL267	UL268	UL269	UL270	UL271	UL272	UL273	UL274	UL275	UL276	UL277	UL278	UL279	UL280	UL281	UL282	UL283	UL284	UL285	UL286	UL287	UL288	UL289	UL290	UL291	UL292	UL293	UL294	UL295	UL296	UL297	UL298	UL299	UL300	UL301	UL302	UL303	UL304	UL305	UL306	UL307	UL308	UL309	UL310	UL311	UL312	UL313	UL314	UL315	UL316	UL317	UL318	UL319	UL320	UL321	UL322	UL323	UL324	UL325	UL326	UL327	UL328	UL329	UL330	UL331	UL332	UL333	UL334	UL335	UL336	UL337	UL338	UL339	UL340	UL341	UL342	UL343	UL344	UL345	UL346	UL347	UL348	UL349	UL350	UL351	UL352	UL353	UL354	UL355	UL356	UL357	UL358	UL359	UL360	UL361	UL362	UL363	UL364	UL365	UL366	UL367	UL368	UL369	UL370	UL371	UL372	UL373	UL374	UL375	UL376	UL377	UL378	UL379	UL380	UL381	UL382	UL383	UL384	UL385	UL386	UL387	UL388	UL389	UL390	UL391	UL392	UL393	UL394	UL395	UL396	UL397	UL398	UL399	UL400	UL401	UL402	UL403	UL404	UL405	UL406	UL407	UL408	UL409	UL410	UL411	UL412	UL413	UL414	UL415	UL416	UL417	UL418	UL419	UL420	UL421	UL422	UL423	UL424	UL425	UL426	UL427	UL428	UL429	UL430	UL431	UL432	UL433	UL434	UL435	UL436	UL437	UL438	UL439	UL440	UL441	UL442	UL443	UL444	UL445	UL446	UL447	UL448	UL449	UL450	UL451	UL452	UL453	UL454	UL455	UL456	UL457	UL458	UL459	UL460	UL461	UL462	UL463	UL464	UL465	UL466	UL467	UL46
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Fuses (PG01_2)

	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic	RoHS	REACH	Halogen Free	UL	UL104	UL105	UL106	UL107	UL108	UL109	UL110	UL111	UL112	UL113	UL114	UL115	UL116	UL117	UL118	UL119	UL120	UL121	UL122	UL123	UL124	UL125	UL126	UL127	UL128	UL129	UL130	UL131	UL132	UL133	UL134	UL135	UL136	UL137	UL138	UL139	UL140	UL141	UL142	UL143	UL144	UL145	UL146	UL147	UL148	UL149	UL150	UL151	UL152	UL153	UL154	UL155	UL156	UL157	UL158	UL159	UL160	UL161	UL162	UL163	UL164	UL165	UL166	UL167	UL168	UL169	UL170	UL171	UL172	UL173	UL174	UL175	UL176	UL177	UL178	UL179	UL180	UL181	UL182	UL183	UL184	UL185	UL186	UL187	UL188	UL189	UL190	UL191	UL192	UL193	UL194	UL195	UL196	UL197	UL198	UL199	UL200	UL201	UL202	UL203	UL204	UL205	UL206	UL207	UL208	UL209	UL210	UL211	UL212	UL213	UL214	UL215	UL216	UL217	UL218	UL219	UL220	UL221	UL222	UL223	UL224	UL225	UL226	UL227	UL228	UL229	UL230	UL231	UL232	UL233	UL234	UL235	UL236	UL237	UL238	UL239	UL240	UL241	UL242	UL243	UL244	UL245	UL246	UL247	UL248	UL249	UL250	UL251	UL252	UL253	UL254	UL255	UL256	UL257	UL258	UL259	UL260	UL261	UL262	UL263	UL264	UL265	UL266	UL267	UL268	UL269	UL270	UL271	UL272	UL273	UL274	UL275	UL276	UL277	UL278	UL279	UL280	UL281	UL282	UL283	UL284	UL285	UL286	UL287	UL288	UL289	UL290	UL291	UL292	UL293	UL294	UL295	UL296	UL297	UL298	UL299	UL300	UL301	UL302	UL303	UL304	UL305	UL306	UL307	UL308	UL309	UL310	UL311	UL312	UL313	UL314	UL315	UL316	UL317	UL318	UL319	UL320	UL321	UL322	UL323	UL324	UL325	UL326	UL327	UL328	UL329	UL330	UL331	UL332	UL333	UL334	UL335	UL336	UL337	UL338	UL339	UL340	UL341	UL342	UL343	UL344	UL345	UL346	UL347	UL348	UL349	UL350	UL351	UL352	UL353	UL354	UL355	UL356	UL357	UL358	UL359	UL360	UL361	UL362	UL363	UL364	UL365	UL366	UL367	UL368	UL369	UL370	UL371	UL372	UL373	UL374	UL375	UL376	UL377	UL378	UL379	UL380	UL381	UL382	UL383	UL384	UL385	UL386	UL387	UL388	UL389	UL390	UL391	UL392	UL393	UL394	UL395	UL396	UL397	UL398	UL399	UL400	UL401	UL402	UL403	UL404	UL405	UL406	UL407	UL408	UL409	UL410	UL411	UL412	UL413	UL414	UL415	UL416	UL417	UL418	UL419	UL420	UL421	UL422	UL423	UL424	UL425	UL426	UL427	UL428	UL429	UL430	UL431	UL432	UL433	UL434	UL435	UL436	UL437	UL438	UL439	UL440	UL441	UL442	UL443	UL444	UL445	UL446	UL447	UL448	UL449	UL450	UL451	UL452	UL453	UL454	UL455	UL456	UL457	UL458	UL459	UL460	UL461	UL462	UL463	UL464	UL465	UL466	UL467	UL468	UL469	UL470	UL471	UL472	UL473	UL474	UL475	UL476	UL477	UL478	UL479	UL480	UL481	UL482	UL483	UL484	UL485	UL486	UL487	UL488	UL489	UL490	UL491	UL492	UL493	UL494	UL495	UL496	UL497	UL498	UL499	UL500	UL501	UL502	UL503	UL504	UL505	UL506	UL507	UL508	UL509	UL510	UL511	UL512	UL513	UL514	UL515	UL516	UL517	UL518	UL519	UL520	UL521	UL522	UL523	UL524	UL525	UL526	UL527	UL528	UL529	UL530	UL531	UL532	UL533	UL534	UL535	UL536	UL537	UL538	UL539	UL540	UL541	UL542	UL543	UL544	UL545	UL546	UL547	UL548	UL549	UL550	UL551	UL552	UL553	UL554	UL555	UL556	UL557	UL558	UL559	UL560	UL561	UL562	UL563	UL564	UL565	UL566	UL567	UL568	UL569	UL570	UL571	UL572	UL573	UL574	UL575	UL576	UL577	UL578	UL579	UL580	UL581	UL582	UL583	UL584	UL585	UL586	UL587	UL588	UL589	UL590	UL591	UL592	UL593	UL594	UL595	UL596	UL597	UL598	UL599	UL600	UL601	UL602	UL603	UL604	UL605	UL606	UL607	UL608	UL609	UL610	UL611	UL612	UL613	UL614	UL615	UL616	UL617	UL618	UL619	UL620	UL621	UL622	UL623	UL624	UL625	UL626	UL627	UL628	UL629	UL630	UL631	UL632	UL633	UL634	UL635	UL636	UL637	UL638	UL639	UL640	UL641	UL642	UL643	UL644	UL645	UL646	UL647	UL648	UL649	UL650	UL651	UL652	UL653	UL654	UL655	UL656	UL657	UL658	UL659	UL660	UL661	UL662	UL663	UL664	UL665	UL666	UL667	UL668	UL669	UL670	UL671	UL672	UL673	UL674	UL675	UL676	UL677	UL678	UL679	UL680	UL681	UL682	UL683	UL684	UL685	UL686	UL687	UL688	UL689	UL690	UL691	UL692	UL693	UL694	UL695	UL696	UL697	UL698	UL699	UL700	UL701	UL702	UL703	UL704	UL705	UL706	UL707	UL708	UL709	UL710	UL711	UL712	UL713	UL714	UL715	UL716	UL717	UL718	UL719	UL720	UL721	UL722	UL723	UL724	UL725	UL726	UL727	UL728	UL729	UL730	UL731	UL732	UL733	UL734	UL735	UL736	UL737	UL738	UL739	UL740	UL741	UL742	UL743	UL744	UL745	UL746	UL747	UL748	UL749	UL750	UL751	UL752	UL753	UL754	UL755	UL756	UL757	UL758	UL759	UL760	UL761	UL762	UL763	UL764	UL765	UL766	UL767	UL768	UL769	UL770	UL771	UL772	UL773	UL774	UL775	UL776	UL777	UL778	UL779	UL780	UL781	UL782	UL783	UL784	UL785	UL786	UL787	UL788	UL789	UL790	UL791	UL792	UL793	UL794	UL795	UL796	UL797	UL798	UL799	UL800	UL801	UL802	UL803	UL804	UL805	UL806	UL807	UL808	UL809	UL810	UL811	UL812	UL813	UL814	UL815	UL816	UL817	UL818	UL819	UL820	UL821	UL822	UL823	UL824	UL825	UL826	UL827	UL828	UL829	UL830	UL831	UL832	UL833	UL834	UL835	UL836	UL837	UL838	UL839	UL840	UL841	UL842	UL843	UL844	UL845	UL846	UL847	UL848	UL849	UL850	UL851	UL852	UL853	UL854	UL855	UL856	UL857	UL858	UL859	UL860	UL861	UL862	UL863	UL864	UL865	UL866	UL867	UL868	UL869	UL870	UL871	UL872	UL873	UL874	UL875	UL876	UL877	UL878	UL879	UL880	UL881	UL882	UL883	UL884	UL885	UL886	UL887	UL888	UL889	UL890	UL891	UL892	UL893	UL894	UL895	UL896	UL897	UL898	UL899	UL900	UL901	UL902	UL903	UL904	UL905	UL906	UL907	UL908	UL909	UL910	UL911	UL912	UL913	UL914	UL915	UL916	UL917	UL918	UL919	UL920	UL921	UL922	UL923	UL924	UL925	UL926	UL927	UL928	UL929	UL930	UL931	UL932	UL933	UL934	UL935	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	Type	Rated Current IEC AC min - max	Rated Voltage IEC max AC DC	Breaking capacity	Characteristic	RoHS	REACH	Halogen Free	UL 94V-0	UL 157	UL 165	UL 185	UL 191	UL 204	UL 210	UL 215	UL 224	UL 225	UL 226	UL 227	UL 228	UL 229	UL 230	UL 231	UL 232	UL 233	UL 234	UL 235	UL 236	UL 237	UL 238	UL 239	UL 240	UL 241	UL 242	UL 243	UL 244	UL 245	UL 246	UL 247	UL 248	UL 249	UL 250	UL 251	UL 252	UL 253	UL 254	UL 255	UL 256	UL 257	UL 258	UL 259	UL 260	UL 261	UL 262	UL 263	UL 264	UL 265	UL 266	UL 267	UL 268	UL 269	UL 270	UL 271	UL 272	UL 273	UL 274	UL 275	UL 276	UL 277	UL 278	UL 279	UL 280	UL 281	UL 282	UL 283	UL 284	UL 285	UL 286	UL 287	UL 288	UL 289	UL 290	UL 291	UL 292	UL 293	UL 294	UL 295	UL 296	UL 297	UL 298	UL 299	UL 300	UL 301	UL 302	UL 303	UL 304	UL 305	UL 306	UL 307	UL 308	UL 309	UL 310	UL 311	UL 312	UL 313	UL 314	UL 315	UL 316	UL 317	UL 318	UL 319	UL 320	UL 321	UL 322	UL 323	UL 324	UL 325	UL 326	UL 327	UL 328	UL 329	UL 330	UL 331	UL 332	UL 333	UL 334	UL 335	UL 336	UL 337	UL 338	UL 339	UL 340	UL 341	UL 342	UL 343	UL 344	UL 345	UL 346	UL 347	UL 348	UL 349	UL 350	UL 351	UL 352	UL 353	UL 354	UL 355	UL 356	UL 357	UL 358	UL 359	UL 360	UL 361	UL 362	UL 363	UL 364	UL 365	UL 366	UL 367	UL 368	UL 369	UL 370	UL 371	UL 372	UL 373	UL 374	UL 375	UL 376	UL 377	UL 378	UL 379	UL 380	UL 381	UL 382	UL 383	UL 384	UL 385	UL 386	UL 387	UL 388	UL 389	UL 390	UL 391	UL 392	UL 393	UL 394	UL 395	UL 396	UL 397	UL 398	UL 399	UL 400	UL 401	UL 402	UL 403	UL 404	UL 405	UL 406	UL 407	UL 408	UL 409	UL 410	UL 411	UL 412	UL 413	UL 414	UL 415	UL 416	UL 417	UL 418	UL 419	UL 420	UL 421	UL 422	UL 423	UL 424	UL 425	UL 426	UL 427	UL 428	UL 429	UL 430	UL 431	UL 432	UL 433	UL 434	UL 435	UL 436	UL 437	UL 438	UL 439	UL 440	UL 441	UL 442	UL 443	UL 444	UL 445	UL 446	UL 447	UL 448	UL 449	UL 450	UL 451	UL 452	UL 453	UL 454	UL 455	UL 456	UL 457	UL 458	UL 459	UL 460	UL 461	UL 462	UL 463	UL 464	UL 465	UL 466	UL 467	UL 468	UL 469	UL 470	UL 471	UL 472	UL 473	UL 474	UL 475	UL 476	UL 477	UL 478	UL 479	UL 480	UL 481	UL 482	UL 483	UL 484	UL 485	UL 486	UL 487	UL 488	UL 489	UL 490	UL 491	UL 492	UL 493	UL 494	UL 495	UL 496	UL 497	UL 498	UL 499	UL 500	UL 501	UL 502	UL 503	UL 504	UL 505	UL 506	UL 507	UL 508	UL 509	UL 510	UL 511	UL 512	UL 513	UL 514	UL 515	UL 516	UL 517	UL 518	UL 519	UL 520	UL 521	UL 522	UL 523	UL 524	UL 525	UL 526	UL 527	UL 528	UL 529	UL 530	UL 531	UL 532	UL 533	UL 534	UL 535	UL 536	UL 537	UL 538	UL 539	UL 540	UL 541	UL 542	UL 543	UL 544	UL 545	UL 546	UL 547	UL 548	UL 549	UL 550	UL 551	UL 552	UL 553	UL 554	UL 555	UL 556	UL 557	UL 558	UL 559	UL 560	UL 561	UL 562	UL 563	UL 564	UL 565	UL 566	UL 567	UL 568	UL 569	UL 570	UL 571	UL 572	UL 573	UL 574	UL 575	UL 576	UL 577	UL 578	UL 579
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