

## SPECIFICATIONS

### 3.3 Semiconductor Fuses

Semiconductor fuses can be used with the IMS2 to reduce the potential for damage to SCRs from transient overload currents and for Type 2 coordination. Suitable Bussman semiconductor fuses are detailed below.

<b>F Series Fuses</b>	Supply Voltage ≤415 VAC	Supply Voltage ≤525 VAC	Supply Voltage ≤575 VAC	Supply Voltage ≤695 VAC	SCR I <sup>2</sup> t
IMS20018	63AFE	63AFE	63AFE	63AFE	1,150
IMS20034	160AFEE	160AFEE	160AFEE	160AFEE	10,500
IMS20041	200FM	180FM	180FM	180FM	15,000
IMS20047	200FM	180FM	180FM	180FM	18,000
IMS20067	200FM	180FM	180FM	180FM	15,000
IMS20088	250FM	250FM	250FM	250FM	51,200
IMS20096	250FM	250FM	250FM	250FM	80,000
IMS20125	250FM	250FM	250FM	250FM	97,000
IMS20141	280FM	280FM	280FM	280FM	97,000
IMS20202	500FMM	450FMM	450FMM	450FMM	245,000
IMS20238	630FMM	630FMM	630FMM	630FMM	320,000
IMS20253	630FMM	630FMM	630FMM	630FMM	320,000
IMS20302	630FMM	500FMM	500FMM	500FMM	202,000
IMS20405	500FMM	500FMM	500FMM	500FMM	320,000
IMS20513	700FMM	700FMM	700FMM	700FMM	781,000
IMS20585	*500FMM	*500FMM	*500FMM	*500FMM	1,200,000
IMS20628	*500FMM	*500FMM	*500FMM	*500FMM	1,200,000
IMS20775	*700FMM	*700FMM	*700FMM	*700FMM	2,532,000
IMS20897	-	-	-	-	4,500,000
IMS21153	-	-	-	-	4,500,000
IMS21403	-	-	-	-	6,480,000
IMS21574	-	-	-	-	12,500,000

<b>170M Fuses</b>	Supply Voltage ≤415 VAC	Supply Voltage ≤525 VAC	Supply Voltage ≤575 VAC	Supply Voltage ≤695 VAC	SCR I <sup>2</sup> t
IMS20018	170M1315	170M1314	170M1314	170M1314	1,150
IMS20034	170M1319	170M1317	170M1317	170M1317	10,500
IMS20041	170M1319	170M1318	170M1318	170M1318	15,000
IMS20047	170M1319	170M1318	170M1318	170M1318	18,000
IMS20067	170M1319	170M1318	170M1318	170M1318	15,000
IMS20088	170M3017	170M3017	170M3017	170M3017	51,200
IMS20096	170M1322	170M1321	170M1321	170M1321	80,000
IMS20125	170M1322	170M1322	170M1322	170M1322	97,000
IMS20141	170M1322	170M1322	170M1322	170M1322	97,000
IMS20202	170M6141	170M6141	170M6141	170M6141	245,000
IMS20238	170M3023	170M3023	170M3023	170M3023	320,000
IMS20253	170M3023	170M3023	170M3023	170M3023	320,000
IMS20302	170M5144	170M5144	170M5144	170M5144	202,000
IMS20405	170M6012	170M4016	170M6011	170M6011	320,000
IMS20513	170M6014	170M6014	170M4018	170M4018	781,000
IMS20585	170M5017	170M6015	170M6014	170M6014	1,200,000
IMS20628	170M6019	170M6018	170M6017	170M6017	1,200,000
IMS20775	170M6021	170M6020	170M6017	170M6017	2,532,000
IMS20897	170M6021	170M6020	170M6151	170M6151	4,500,000
IMS21153	170M6021	170M6020	170M6151	170M6151	4,500,000
IMS21403	170M6021	170M6021	*170M5018	*170M5018	6,480,000
IMS21574	170M6021	170M6021	*170M5018	*170M5018	12,500,000

\* Two parallel connected fuses required per phase