

MERSEN DRIVE FUSE SELECTION TABLE

ABB ACS550-01 & ACS550-U2 SERIES

Part # 208/240VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS550-01-04A6-2	1	4.6	0.75	3.5	HSJ10
ACS550-01-06A6-2	1.5	6.6	1	4.6	HSJ10
ACS550-01-07A5-2	2	7.5	1.5	6.6	HSJ10
ACS550-01-012A-2	3	11.8	2	7.5	HSJ15
ACS550-01-017A-2	5	16.7	3	11.8	HSJ25
ACS550-01-024A-2	7.5	24.2	5	16.7	HSJ30
ACS550-01-031A-2	10	30.8	7.5	24.2	HSJ40
ACS550-01-046A-2	15	46.2	10	30.8	HSJ60
ACS550-01-059A-2	20	59.4	15	46.2	HSJ80
ACS550-01-075A-2	25	74.8	20	59.4	HSJ100
ACS550-01-088A-2	30	88	25	74.8	HSJ110
ACS550-01-114A-2	40	114	30	88	HSJ150
ACS550-01-143A-2	50	143	40	114	HSJ200
ACS550-01-178A-2	60	178	50	143	HSJ225
ACS550-01-221A-2	75	221	60	178	HSJ300

Part # 460VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS550-01-03A3-4	1.5	3.3	1	2.4	HSJ10
ACS550-01-04A1-4	2	4.1	1.5	3.3	HSJ10
ACS550-01-06A9-4	3	6.9	2	5.4	HSJ10
ACS550-01-08A8-4	5	8.8	3	6.9	HSJ15
ACS550-01-012A-4	7.5	11.9	5	8.8	HSJ15
ACS550-01-015A-4	10	15.4	7.5	11.9	HSJ20
ACS550-01-023A-4	15	23	10	15.4	HSJ30
ACS550-01-031A-4	20	31	15	23	HSJ40
ACS550-01-038A-4	25	38	20	31	HSJ50
ACS550-01-044A-4	30	44	25	38	HSJ60
ACS550-01-059A-4	40	59	30	44	HSJ80
ACS550-01-072A-4	50	72	40	59	HSJ90
ACS550-01-077A-4	60	77	50	72	HSJ100
ACS550-01-096A-4	75	96	60	77	HSJ125
ACS550-01-124A-4	100	124	75	96	HSJ175
ACS550-01-157A-4	125	157	100	124	HSJ200
ACS550-01-180A-4	150	180	125	156	HSJ225
ACS550-U2-196A-04	150	196	125	162	HSJ250
ACS550-U2-245A-04	200	245	150	192	HSJ300
ACS550-U2-316A-04	250	316	200	248	HSJ400
ACS550-U2-368A-04	300	368	250	302	HSJ400
ACS550-U2-414A-04	350	414	300	368	HSJ500
ACS550-U2-486A-4	400	486	350	414	HSJ600
ACS550-U2-526A-4	450	526	400	477	A6T700
ACS550-U2-602A-4	500	602	450	515	A6T700
ACS550-U2-645A-4	550	645	500	590	A6T800

Mersen HSJ fuses are intended to provide both branch circuit and drive protection. Fuse selection must be in accordance with drive manufacturers' recommendations and conform to applicable national and local electrical codes. Recommended fuse ratings were selected for the maximum HP specified for the drive by the manufacturer, based on the most currently available information at the time. Fuses shown will minimize the amount of energy passed by the fuse under short circuit conditions, however, in some cases, component damage may result. Recommended HSJ fuse sizes for non-bypass mode applications only.

MERSEN DRIVE FUSE SELECTION TABLE

ABB ACS550-01 & ACS550-U2 SERIES

Part # 208/240VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS550-U1-04A6-2	1	4.6	0.75	3.5	HSJ10
ACS550-U1-06A6-2	1.5	6.6	1	4.6	HSJ10
ACS550-U1-07A5-2	2	7.5	1.5	6.6	HSJ10
ACS550-U1-012A-2	3	11.8	2	7.5	HSJ15
ACS550-U1-017A-2	5	16.7	3	11.8	HSJ25
ACS550-U1-024A-2	7.5	24.2	5	16.7	HSJ30
ACS550-U1-031A-2	10	30.8	7.5	24.2	HSJ40
ACS550-U1-046A-2	15	46.2	10	30.8	HSJ60
ACS550-U1-059A-2	20	59.4	15	46.2	HSJ80
ACS550-U1-075A-2	25	74.8	20	59.4	HSJ100
ACS550-U1-088A-2	30	88	25	74.8	HSJ110
ACS550-U1-114A-2	40	114	30	88	HSJ150
ACS550-U1-143A-2	50	143	40	114	HSJ200
ACS550-U1-178A-2	60	178	50	143	HSJ225
ACS550-U1-221A-2	75	221	60	178	HSJ300
ACS550-U1-248A-2	100	248	75	192	HSJ350

Part # 460VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS550-U1-03A3-4	1.5	3.3	1	2.4	HSJ10
ACS550-U1-04A1-4	2	4.1	1.5	3.3	HSJ10
ACS550-U1-06A9-4	3	6.9	2	5.4	HSJ10
ACS550-U1-08A8-4	5	8.8	3	6.9	HSJ15
ACS550-U1-012A-4	7.5	11.9	5	8.8	HSJ15
ACS550-U1-015A-4	10	15.4	7.5	11.9	HSJ20
ACS550-U1-023A-4	15	23	10	15.4	HSJ30
ACS550-U1-031A-4	20	31	15	23	HSJ40
ACS550-U1-038A-4	25	38	20	31	HSJ50
ACS550-U1-044A-4	30	44	25	38	HSJ60
ACS550-U1-059A-4	40	59	30	44	HSJ80
ACS550-U1-072A-4	50	72	40	59	HSJ90
ACS550-U1-077A-4	60	77	50	72	HSJ100
ACS550-U1-096A-4	75	96	60	77	HSJ125
ACS550-U1-124A-4	100	124	75	96	HSJ175
ACS550-U1-157A-4	125	157	100	124	HSJ200
ACS550-U1-180A-4	150	180	125	156	HSJ250

MERSEN DRIVE FUSE SELECTION TABLE

ABB ACS550-01 & ACS550-U2 SERIES

Part # 600VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS550-U1-02A7-6	2	2.7	1.5	2.4	HSJ10
ACS550-U1-03A9-6	3	3.9	2	2.7	HSJ10
ACS550-U1-06A1-6	5	6.1	3	3.9	HSJ10
ACS550-U1-09A0-6	7.5	9	5	6.1	HSJ15
ACS550-U1-011A-6	10	11	7.5	9	HSJ15
ACS550-U1-017A-6	15	17	10	11	HSJ25
ACS550-U1-022A-6	20	22	15	17	HSJ30
ACS550-U1-027A-6	25	27	20	22	HSJ40
ACS550-U1-032A-6	30	32	25	27	HSJ40
ACS550-U1-041A-6	40	41	30	32	HSJ50
ACS550-U1-052A-6	50	52	40	41	HSJ70
ACS550-U1-062A-6	60	62	50	52	HSJ80
ACS550-U1-077A-6	75	77	60	62	HSJ100
ACS550-U1-099A-6	100	99	75	77	HSJ150
ACS550-U1-125A-6	125	125	100	99	HSJ175
ACS550-U1-144A-6	150	144	125	125	HSJ200

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