

MERSEN DRIVE FUSE SELECTION TABLE

ACS800-U1 & ACS800-01/02 SERIES-230VAC & 400VAC

Part # 230VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-U1-0001-2	1	4.9	0.75	3.5	HSJ6
ACS800-U1-0002-2	1.5	6.6	1	4.6	HSJ10
ACS800-U1-0003-2	2	8.1	1.5	6.6	HSJ10
ACS800-U1-0004-2	3	11	2	7.5	HSJ15
ACS800-U1-0006-2	5	21	3	13	HSJ30
ACS800-U1-0009-2	7.5	27	5	17	HSJ35
ACS800-U1-0011-2	10	34	7.5	25	HSJ45
ACS800-U1-0016-2	15	42	10	31	HSJ60
ACS800-U1-0020-2	20	54	15	42	HSJ70
ACS800-U1-0025-2	25	69	20	54	HSJ90
ACS800-U1-0030-2	30	80	25	68	HSJ110
ACS800-U1-0040-2	40	104	30	80	HSJ150
ACS800-U1-0050-2	50	132	40	104	HSJ175
ACS800-U1-0060-2	60	157	50	130	HSJ225
ACS800-U1-0070-2	75	192	60	154	HSJ250

Part # 400VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-01-0003-3	1.5	4.7	1.1	3.4	HSJ10
ACS800-01-0004-3	2.2	5.9	1.5	4.3	HSJ10
ACS800-01-0005-3	3	7.7	2.2	5.7	HSJ12
ACS800-01-0006-3	4	10.2	3	7.5	HSJ15
ACS800-01-0009-3	5.5	12.7	4	9.3	HSJ17-1/2
ACS800-01-0011-3	7.5	18	5.5	14	HSJ25
ACS800-01-0016-3	11	24	7.5	19	HSJ35
ACS800-01-0020-3	15	31	11	23	HSJ45
ACS800-01-0025-3	18.5	41	15	32	HSJ60
ACS800-01-0030-3	22	50	18.5	37	HSJ70
ACS800-01-0040-3	30	69	22	49	HSJ90
ACS800-01-0050-3	37	80	30	60	HSJ110
ACS800-01-0060-3	45	94	37	69	HSJ150
ACS800-01-0070-3	55	132	45	97	HSJ200
ACS800-01-0100-3	75	155	55	115	HSJ225
ACS800-01-0120-3	90	184	75	141	HSJ250
ACS800-02-0140-3	110	202	90	163	HSJ300
ACS800-02-0170-3	132	243	110	202	HSJ350
ACS800-02-0210-3	160	284	132	240	HSJ400
ACS800-02-0260-3	200	440	160	340	HSJ600
ACS800-02-0320-3	250	516	200	370	A4B0700
ACS800-02-0400-3	315	590	250	477	A4B0800
ACS800-02-0440-3	355	679	315	590	A4B0900
ACS800-02-0490-3	400	704	355	635	A4B0900

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

ACS800-U1 & ACS800-02 SERIES - 460VAC & 575VAC

Part # 460VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-U1-0004-5	3	4.9	2	3.4	HSJ10
ACS800-U1-0005-5	3	6.2	2	4.2	HSJ10
ACS800-U1-0006-5	5	8.1	3	5.6	HSJ10
ACS800-U1-0009-5	7.5	11	5	8.1	HSJ15
ACS800-U1-0011-5	10	14	7.5	11	HSJ17-1/2
ACS800-U1-0016-5	15	21	10	15	HSJ30
ACS800-U1-0020-5	20	27	15	21	HSJ35
ACS800-U1-0025-5	25	34	20	27	HSJ45
ACS800-U1-0030-5	30	42	25	34	HSJ50
ACS800-U1-0040-5	40	52	30	37	HSJ70
ACS800-U1-0050-5	50	65	40	52	HSJ80
ACS800-U1-0060-5	60	79	50	65	HSJ100
ACS800-U1-0070-5	75	96	60	77	HSJ125
ACS800-U1-0100-5	100	124	75	96	HSJ150
ACS800-U1-0120-5	125	157	100	124	HSJ200
ACS800-U1-0140-5	150	180	125	156	HSJ225
ACS800-02-0170-5	150	192	125	162	HSJ250
ACS800-02-0210-5	200	240	150	192	HSJ300
ACS800-02-0260-5	250	289	150	224	HSJ400
ACS800-02-0320-5	350	435	250	340	HSJ600
ACS800-02-0400-5	400	510	300	370	A4BQ700
ACS800-02-0440-5	450	545	400	490	A4BQ700
ACS800-02-0490-5	500	590	450	515	A4BQ800
ACS800-02-0550-5	550	670	500	590	A4BQ900
ACS800-02-0610-5	600	704	500	632	A4BQ900

Part # 575VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-U1-0011-7	10	11.5	7.5	8.5	HSJ15
ACS800-U1-0016-7	15	15	10	11	HSJ20
ACS800-U1-0020-7	20	20	15	15	HSJ25
ACS800-U1-0025-7	20/25	23	20	19	HSJ30
ACS800-U1-0030-7	30	30	25	22	HSJ40
ACS800-U1-0040-7	30	34	30	27	HSJ45
ACS800-U1-0050-7	40	46	40	34	HSJ60
ACS800-U1-0060-7	50	52	40	42	HSJ70
ACS800-U1-0070-7	60/75	73	50	54	HSJ100
ACS800-U1-0100-7	75/100	86	60	62	HSJ125
ACS800-U1-0120-7	100	108	75	86	HSJ150
ACS800-02-0140-7	125	125	100	95	HSJ175
ACS800-02-0170-7	150	155	125	131	HSJ225
ACS800-02-0210-7	150/200	165/195	150	147	HSJ250
ACS800-02-0260-7	200	175/212	150	163	HSJ300
ACS800-02-0320-7	300	290	200	216	HSJ400
ACS800-02-0400-7	350	344	250/300	274	HSJ500
ACS800-02-0440-7	400	387	350	328	HSJ500
ACS800-02-0490-7	450	426	400	387	HSJ600
ACS800-02-0550-7	500	482	450	426	HSJ600
ACS800-02-0610-7	600	537	500	482	A4BQ700

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MERSEN DRIVE FUSE SELECTION TABLE

ACS800-07 & ACS800-U7 SERIES - 400VAC

Part # 400VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-07-0070-3	55	132	45	97	HSJ175
ACS800-07-0100-3	75	155	55	115	HSJ225
ACS800-07-0120-3	90	184	75	141	HSJ250
ACS800-07-0140-3	110	202	90	163	HSJ275
ACS800-07-0170-3	132	243	110	202	HSJ300
ACS800-07-0210-3	160	284	132	240	HSJ400
ACS800-07-0260-3	200	440	160	340	HSJ600
ACS800-07-0320-3	250	516	200	370	A4BQ700
ACS800-07-0400-3	315	590	250	477	A4BQ800
ACS800-07-0440-3	355	679	315	590	A4BQ900
ACS800-07-0490-3	400	704	355	635	A4BQ900
ACS800-07-0610-3	500	844	400	657	A4BQ1200
ACS800-07-0770-3	630	1067	450	830	A4BQ1400
ACS800-07-0870-3	710	1204	500	938	A4BQ1600
ACS800-07-1030-3	800	1394	630	1086	A4BQ2000
ACS800-07-1230-3	1000	1700	710	1324	A4BQ2500
ACS800-07-1540-3	1200	2070	900	1612	A4BQ3000
ACS800-07-1850-3	1450	2557	1120	1992	A4BQ3500
ACS550-U1-03A3-4	1.5	3.3	1	2.4	HSJ10

Part # 400VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-U7-0120-3	90	184	75	141	HSJ250
ACS800-U7-0140-3	110	202	90	163	HSJ275
ACS800-U7-0170-3	132	243	110	202	HSJ350
ACS800-U7-0210-3	160	284	132	240	HSJ400
ACS800-U7-0260-3	200	440	160	340	HSJ600
ACS800-U7-0320-3	250	516	200	370	A4BQ700
ACS800-U7-0400-3	315	590	250	477	A4BQ800
ACS800-U7-0440-3	355	679	315	590	A4BQ900
ACS800-U7-0490-3	400	704	355	635	A4BQ900
ACS800-U7-0610-3	500	844	400	657	A4BQ1200
ACS800-U7-U770-3	630	1067	450	830	A4BQ1400
ACS800-U7-0870-3	710	1204	500	938	A4BQ1600
ACS800-U7-1030-3	800	1394	630	1086	A4BQ2000
ACS800-U7-1230-3	1000	1700	710	1324	A4BQ2500
ACS800-U7-1540-3	1200	2070	900	1612	A4BQ3000
ACS800-U7-1850-3	1450	2557	1120	1992	A4BQ3500

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MERSEN DRIVE FUSE SELECTION TABLE

ACS800-07 & ACS800-U7 SERIES - 460VAC

Part # 460VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-07-0100-5	100	124	75	96	HSJ175
ACS800-07-0120-5	125	157	100	124	HSJ200
ACS800-07-0140-5	150	180	125	156	HSJ225
ACS800-07-0170-5	150	192	125	162	HSJ250
ACS800-07-0210-5	200	240	150	192	HSJ300
ACS800-07-0260-5	250	289	150	224	HSJ400
ACS800-07-0320-5	350	435	250	340	HSJ600
ACS800-07-0400-5	400	510	300	370	A4BQ700
ACS800-07-0440-5	450	545	400	490	A4BQ700
ACS800-07-0490-5	500	590	450	515	A4B0800
ACS800-07-0550-5	550	670	500	590	A4B0900
ACS800-07-0610-5	600	704	500	632	A4B0900
ACS800-07-0760-5	700	847	600	659	A4BQ1200
ACS800-07-0910-5	900	1008	700	784	A4BQ1350
ACS800-07-1090-5	1000	1208	800	940	A4BQ1500
ACS800-07-1210-5	1250	1317	900	1025	A4BQ1600
ACS800-07-1540-5	1500	1704	1000	1326	A4BQ2500
ACS800-07-1820-5	1750	1956	1250	1522	A4BQ2500
ACS800-07-2310-5	2000	2563	1750	1995	A4BQ3500

Part # 460VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-U7-0100-5	100	124	75	96	HSJ150
ACS800-U7-0120-5	125	157	100	124	HSJ200
ACS800-U7-0140-5	150	180	125	156	HSJ225
ACS800-U7-0170-5	150	192	125	162	HSJ250
ACS800-U7-0210-5	200	240	150	192	HSJ300
ACS800-U7-0260-5	250	289	150	224	HSJ400
ACS800-U7-0320-5	350	435	250	340	HSJ600
ACS800-U7-0400-5	400	510	300	370	A4BQ700
ACS800-U7-0440-5	450	545	400	490	A4BQ700
ACS800-U7-0490-5	500	590	450	515	A4B0800
ACS800-U7-0550-5	550	670	500	590	A4B0900
ACS800-U7-0610-5	600	704	500	632	A4B0900
ACS800-U7-U760-5	700	847	600	659	4BQ1200
ACS800-U7-0910-5	900	1008	700	784	A4BQ1350
ACS800-U7-1090-5	1000	1208	800	940	A4BQ1500
ACS800-U7-1210-5	1250	1317	900	1025	A4BQ1600
ACS800-U7-1540-5	1500	1704	1000	1326	A4BQ2500
ACS800-U7-1820-5	1750	1956	1250	1522	A4BQ2500
ACS800-U7-2310-5	2000	2563	1750	1995	A4BQ350

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MERSEN DRIVE FUSE SELECTION TABLE

ACS800-07 & ACS800-U7 SERIES - 575VAC

Part # 575VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-07-0070-7	60/75	73	50	54	HSJ100
ACS800-07-0100-7	75/100	86	60	62	HSJ125
ACS800-07-0120-7	100	108	75	86	HSJ150
ACS800-07-0140-7	125	125	100	95	HSJ175
ACS800-07-0170-7	150	155	125	131	HSJ225
ACS800-07-0210-7	150/200	165/195	150	147	HSJ250
ACS800-07-0260-7	200	175/212	150	163	HSJ300
ACS800-07-0320-7	300	290	200	216	HSJ400
ACS800-07-0400-7	350	344	250/300	274	HSJ500
ACS800-07-0440-7	400	387	350	328	HSJ500
ACS800-07-0490-7	450	426	400	387	HSJ600
ACS800-07-0550-7	500	482	450	426	HSJ600
ACS800-07-0610-7	600	537	500	482	A4BQ700
ACS800-07-0750-7	600	603	500	467	A4BQ800
ACS800-07-0870-7	700	700	600	542	A4BQ1000
ACS800-07-1060-7	900	849	700	659	A4BQ1200
ACS800-07-1160-7	1000	914	700	710	A4BQ1200
ACS800-07-1500-7	1250	1208	1000	937	A4BQ1600
ACS800-07-1740-7	1500	1358	1250	1053	A4BQ1800
ACS800-07-2120-7	1750	1703	1500	1322	A4BQ2500
ACS800-07-2320-7	2000	1792	1500	1390	A4BQ2500
ACS800-07-3190-7	2500	2559	2000	1985	A4BQ3500
ACS800-07-3490-7	3000	2659	2250	2063	A4BQ3500

Part # 575VAC	HP Normal Duty	I ^(A) Normal Duty	HP Heavy Duty	I ^(A) Heavy Duty	Mersen Fuse
ACS800-U7-0070-7	60/75	73	50	54	HSJ100
ACS800-U7-0100-7	75/100	86	60	62	HSJ125
ACS800-U7-0120-7	100	108	75	86	HSJ150
ACS800-U7-0140-7	125	125	100	95	HSJ175
ACS800-U7-0170-7	150	155	125	131	HSJ225
ACS800-U7-0210-7	150/200	165/195	150	147	HSJ250
ACS800-U7-0260-7	200	175/212	150	163	HSJ300
ACS800-U7-0320-7	300	290	200	216	HSJ400
ACS800-U7-0400-7	350	344	250/300	274	HSJ500
ACS800-U7-0440-7	400	387	350	328	HSJ500
ACS800-U7-0490-7	450	426	400	387	HSJ600
ACS800-U7-0550-7	500	482	450	426	HSJ600
ACS800-U7-0610-7	600	537	500	482	A4BQ700
ACS800-U7-U750-7	600	603	500	467	A4BQ800
ACS800-U7-0870-7	700	700	600	542	A4BQ1000
ACS800-U7-1060-7	900	849	700	659	A4BQ1200
ACS800-U7-1160-7	1000	914	700	710	A4BQ1200
ACS800-U7-1500-7	1250	1208	1000	937	A4BQ1600
ACS800-U7-1740-7	1500	1358	1250	1053	A4BQ1800
ACS800-U7-2120-7	1750	1703	1500	1322	A4BQ2500
ACS800-U7-2320-7	2000	1792	1500	1390	A4BQ2500
ACS800-U7-3190-7	2500	2559	2000	1985	A4BQ3500
ACS800-U7-3490-7	3000	2659	2250	2063	A4BQ3500

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