

# Mersen Drive Fuse Selection Table

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

Part # 230VAC	HP Normal Duty	I <sup>(A)</sup> Normal Duty	HP Heavy Duty	I <sup>(A)</sup> 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 <sup>(A)</sup> Normal Duty	HP Heavy Duty	I <sup>(A)</sup> 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	A4BQ700
ACS800-02-0400-3	315	590	250	477	A4BQ800
ACS800-02-0440-3	355	679	315	590	A4BQ900
ACS800-02-0490-3	400	704	355	635	A4BQ900

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.