MERSEN DRIVE FUSE SELECTION TABLE
EATON CUTLER-HAMMER HVX9000

575V 3-Phase Variable Torque			
Catalog Number	HP	Max. Input Current, I (A)	Main Fuse
HVX003A1-5A4N1	3	4.5	HSJ10
HVX005A1-5A4N1	5	7.5	HSJ10
HVX007A1-5A4N1	7.5	10	HSJ10
HVX010A1-5A4N1	10	13.5	HSJ15
HVX015A1-5A4N1	15	18	HSJ20
HVX020A1-5A4N1	20	22	HSJ30
HVX025A1-5A4N1	25	27	HSJ35
HVX030A1-5A4N1	30	34	HSJ40
HVX040A1-5A4N1	40	41	HSJ50
HVX050A1-5A4N1	50	52	HSJ60
HVX060A1-5A4N1	60	62	HSJ80
HVX075A1-5A4N1	75	80	HSJ100
HVX100A1-5A4N1	100	100	HSJ125
HVX125A1-5A4N1	125	125	HSJ175
HVX150A1-5A4N1	150	144	HSJ200
HVX200A1-5A4N1	200	208	HSJ250

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
EATON CUTLER-HAMMER MVX9000
BASIC CONTROLLER IP20

90-130V Single Phase			
Catalog Number	HP (kW)	Max. Input Current (A)	Main Fuse
MVXF25A0-1	0.25 (0.2)	6.3	HSJ10
MVXF50A0-1	0.5 (0.4)	9	HSJ15
MVX001A0-1	1 (0.75)	18	HSJ25

200-240V Single Phase			
Catalog Number	HP (kW)	Max. Input Current (A)	Main Fuse
MVXF50A0-2	0.5 (0.4)	6.3	HSJ10
MVX001A0-2	1 (0.75)	11.5	HSJ15
MVX002A0-2	2 (1.5)	15.7	HSJ20
MVX003A0-2	3 (2.2)	27.5	HSJ35
HVX030A1-5A4N1	30	34	HSJ40

200-240V Three Phase			
Catalog Number	HP (kW)	Max. Input Current (A)	Main Fuse
MVXF50A0-2	0.5 (0.4)	3.2	HSJ6
MVX001A0-2	1 (0.75)	6.3	HSJ10
MVX002A0-2	2 (1.5)	9	HSJ15
MVX003A0-2	3 (2.2)	15	HSJ20
MVX005A0-2	5 (3.7)	19.6	HSJ30
MVX007A0-2	7.5 (5.5)	31.5	HSJ40

380-480V Three Phase			
Catalog Number	HP (kW)	Max. Input Current (A)	Main Fuse
MVX001A0-4	1 (0.75)	4.2	HSJ10
MVX002A0-4	2 (1.5)	5.7	HSJ10
MVX003A0-4	3 (2.2)	7	HSJ15
MVX005A0-4	5 (4)	8.5	HSJ15
MVX007A0-4	7.5 (5.5)	14	HSJ20
MVX010A0-4	10 (7.5)	23	HSJ30

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MERSEN DRIVE FUSE SELECTION TABLE

EATON CUTLER-HAMMER 575V 3 PHASE SVX9000 NEMA TYPE 1

525-690V NEMA Type 1 Drive (Max Input Voltage 600V)				
Drive Catalog Number	Drive Application	HP	II (A)	Main Fuse Part #
SVX002A1-5A4N1	Continuous Torque	2	3.33	HSJ10
	SVX003A1-5A4N1	3	4.5	HSJ10
SVX003A1-5A4N1	Continuous Torque	3	4.5	HSJ10
	SVX005A1-5A4N1	—	5.5	HSJ10
SVX004A1-5A4N1	Continuous Torque	—	5.5	HSJ10
	SVX010A1-5A4N1	5	7.5	HSJ10
SVX005A1-5A4N1	Continuous Torque	5	7.5	HSJ10
	SVX020A1-5A4N1	7.5	10	HSJ15
SVX007A1-5A4N1	Continuous Torque	7.5	10	HSJ15
	SVX030A1-5A4N1	10	13.5	HSJ20
SVX010A1-5A4N1	Continuous Torque	10	13.5	HSJ20
	SVX050A1-5A4N1	15	18	HSJ30
SVX015A1-5A4N1	Continuous Torque	15	18	HSJ30
	SVX075A1-5A4N1	20	22	HSJ35
SVX020A1-5A4N1	Continuous Torque	20	22	HSJ35
	SVX125A1-5A4N1	25	27	HSJ40
SVX025A1-5A4N1	Continuous Torque	25	27	HSJ40
	SVX175A1-5A4N1	30	34	HSJ50
SVX030A1-5A4N1	Continuous Torque	30	34	HSJ50
	Variable Torque	40	41	HSJ60
SVX040A1-5A4N1	Continuous Torque	40	41	HSJ60
	Variable Torque	50	52	HSJ80
SVX050A1-5A4N1	Continuous Torque	50	52	HSJ80
	Variable Torque	60	62	HSJ100
SVX060A1-5A4N1	Continuous Torque	60	62	HSJ100
	Variable Torque	75	80	HSJ125
SVX075A1-5A4N1	Continuous Torque	75	80	HSJ125
	Variable Torque	100	100	HSJ175
SVX100A1-5A4N1	Continuous Torque	100	100	HSJ175
	Variable Torque	125	125	HSJ200
SVX125A1-5A4N1	Continuous Torque	125	125	HSJ200
	Variable Torque	150	144	HSJ250
SVX150A1-5A4N1	Continuous Torque	150	144	HSJ250
	Variable Torque	—	170	HSJ300
SVX175A1-5A4N1	Continuous Torque	—	170	HSJ300
	Variable Torque	200	208	HSJ350

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

EATON CUTLER-HAMMER 575V 3 PHASE SVX9000 NEMA TYPE 12

525-690V* NEMA Type 12 (Max Input Voltage 600V)				
Drive Catalog Number	Drive Application	HP	II (A)	Main Fuse Part #
SVX002A2-5A4N1	Continuous Torque	2	3.3	HSJ10
	Variable Torque	3	4.5	HSJ10
SVX003A2-5A4N1	Continuous Torque	3	4.5	HSJ10
	Variable Torque	—	5.5	HSJ10
SVX004A2-5A4N1	Continuous Torque	4	5.5	HSJ10
	Variable Torque	5	7.5	HSJ10
SVX005A2-5A4N1	Continuous Torque	5	7.5	HSJ10
	Variable Torque	7.5	10	HSJ15
SVX007A2-5A4N1	Continuous Torque	7.5	10	HSJ15
	Variable Torque	10	13.5	HSJ20
SVX010A2-5A4N1	Continuous Torque	10	13.5	HSJ20
	Variable Torque	15	18	HSJ30
SVX015A2-5A4N1	Continuous Torque	15	18	HSJ30
	Variable Torque	20	22	HSJ35
SVX020A2-5A4N1	Continuous Torque	20	22	HSJ35
	Variable Torque	25	27	HSJ40
SVX025A2-5A4N1	Continuous Torque	25	27	HSJ40
	Variable Torque	30	34	HSJ50
SVX030A2-5A4N1	Continuous Torque	30	34	HSJ50
	Variable Torque	40	41	HSJ60
SVX040A2-5A4N1	Continuous Torque	40	41	HSJ60
	Variable Torque	50	52	HSJ80
SVX050A2-5A4N1	Continuous Torque	50	52	HSJ80
	Variable Torque	60	62	HSJ100
SVX060A2-5A4N1	Continuous Torque	60	62	HSJ100
	Variable Torque	75	80	HSJ125
SVX075A2-5A4N1	Continuous Torque	75	80	HSJ125
	Variable Torque	100	100	HSJ175
SVX100A2-5A4N1	Continuous Torque	100	100	HSJ175
	Variable Torque	125	125	HSJ200
SVX125A2-5A4N1	Continuous Torque	125	125	HSJ200
	Variable Torque	150	144	HSJ250
SVX150A2-5A4N1	Continuous Torque	150	144	HSJ250
	Variable Torque	—	170	HSJ300
SVX175A2-5A4N1	Continuous Torque	—	170	HSJ300
	Variable Torque	200	208	HSJ350

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
EATON CUTLER-HAMMER 575V 3 PHASE SVX9000 OPEN CHASSIS DRIVE

525-690V Open Chassis Drive (Max Input Voltage 600V)				
Drive Catalog Number	Drive Application	HP	Max. Input Current, II (A)	Main Fuse Part #
SPX200A0-5A4N1	Continuous Torque	200	208	HSJ350
	Variable Torque	250	261	HSJ450
SPX250A0-5A4N1	Continuous Torque	250	261	HSJ450
	Variable Torque	300	325	HSJ500
SPX300A0-5A4N1	Continuous Torque	300	325	HSJ500
	Variable Torque	350	385	HSJ600

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