

# 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

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.