

Mersen Drive Fuse Selection Table

Square-D ALTIVAR 11 Series

Part # 100 to 120V 1-Phase input, 3-phase output	kW / HP	Input Line Current @ 100V (A)	Main Fuse
ATV11HU05F1U	0.18 / 0.25	6	HSJ10
ATV11HU09F1U	0.37 / 0.5	9	HSJ15
ATV11PU09F1U	0.37 / 0.5	9	HSJ15
ATV11HU18F1U	0.75 / 1	18	HSJ25

Part # 200 to 240V 1-Phase input, 3-phase output	kW / HP	Input Line Current @ 208V (A)	Main Fuse
ATV11HU05M2U	0.18 / 0.25	3.3	HSJ6
ATV11HU09M2U	0.37 / 0.5	6	HSJ10
ATV11PU09M2U	0.37 / 0.5	6	HSJ10
ATV11HU18M2U	0.75 / 1	9.9	HSJ15
ATV11PU18M2U	0.75 / 1	9.9	HSJ15
ATV11PU29M2U	1.5 / 2	17.1	HSJ25
ATV11HU41M2U	2.2 / 3	24.1	HSJ30

Part # 200 to 230V 3-Phase input, 3-phase output	kW / HP	Input Line Current @ 208V (A)	Main Fuse
ATV11HU05M3U	0.18 / 0.25	1.8	HSJ3
ATV11HU09M3U	0.37 / 0.5	3.6	HSJ6
ATV11PU09M3U	0.37 / 0.5	3.6	HSJ6
ATV11HU18M3U	0.75 / 1	6.3	HSJ10
ATV11PU18M3U	0.75 / 1	6.3	HSJ10
ATV11HU29M3U	1.5 / 2	11	HSJ15
ATV11HU41M3U	2.2 / 3	15.2	HSJ20

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.

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