

Mersen Drive Fuse Selection Table

Square-D ALTIVAR 31 Series 380V to 600V

Part # for 380 to 500V Three Phase Input	kW / HP	Max. Input Line Current, I (A)		Main Fuse
		At 400V	At 460V	
ATV31H037N4	0.37 / 0.5	2.2	1.7	HSJ3
ATV31H055N4	0.55 / 0.75	2.8	2.2	HSJ6
ATV31H075N4	0.75 / 1	3.6	2.7	HSJ6
ATV31HU11N4	1.1 / 1.5	4.9	3.7	HSJ10
ATV31HU15N4	1.5 / 2	6.4	4.8	HSJ10
ATV31HU22N4	2.2 / 3	8.9	6.7	HSJ15
ATV31HU30N4	3 / 3	10.9	8.3	HSJ15
ATV31HU40N4	4 / 5.0	13.9	10.6	HSJ20
ATV31HU55N4	5.5 / 7.5	21.9	16.5	HSJ30
ATV31HU75N4	7.5 / 10	27.7	21	HSJ35
ATV31HD11N4	11.0 / 15	37.2	28.4	HSJ50
ATV31HD15N4	15 / 20	48.2	36.8	HSJ70

Part # For 525 to 600V Three Phase Input	kW / HP	Max. Input Line Current, I (A)		Main Fuse
		At 525V	At 600V	
ATV31H075S6X	0.75 / 1	2.8	2.4	HSJ6
ATV31HU15S6X	1.5 / 2	4.8	4.2	HSJ6
ATV31HU22S6X	2.2 / 3	6.4	5.6	HSJ10
ATV31HU40S6X	4 / 5.0	10.7	9.3	HSJ15
ATV31HU55S6X	5.5 / 7.5	16.2	14.1	HSJ20
ATV31HU75S6X	7.5 / 10	21.3	18.5	HSJ25
ATV31HD11S6X	11.0 / 15	27.8	24.4	HSJ35
ATV31HD15S6X	15 / 20	36.4	31.8	HSJ45

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.