

Mersen Drive Fuse Selection Table

Square-D ALTIVAR 28 Series 208V to 460V

Single-Phase Supply Voltage: 208/240V -15%, +10%, 50/60Hz				
Catalog Number	kW / HP	Input Line Current		Main Fuse
		(A) at 208V	(A) at 240V	
ATV28HU09M2U	0.37 / 0.5	6.9	6.4	HSJ10
ATV28HU18M2U	0.75 / 1	9.3	8.6	HSJ15
ATV28HU29M2U	1.5 / 2	15.5	14.3	HSJ20
ATV28HU41M2U	2.2 / 3	21.3	19.8	HSJ30

Three Phase Supply Voltage: 208/230V -15%, +10%, 50/60Hz				
Catalog Number	kW / HP	Input Line Current		Main Fuse
		(A) at 208V	(A) at 230V	
ATV28HU54M2U	3 / 4	16.8	15.4	HSJ25
ATV28HU72M2U	4 / 5	21.1	19.1	HSJ30
ATV28HU90M2U	5.5 / 7.5	36.3	33.2	HSJ50
ATV28HD12M2U	7.5 / 10	42	36.6	HSJ60

Three Phase Supply Voltage: 400/460V -15%, +10%, 50/60Hz				
Catalog Number	kW / HP	Input Line Current		Main Fuse
		(A) at 400V	(A) at 460V	
ATV28HU18N4U	0.75 / 1	3.6	3.2	HSJ6
ATV28HU29N4U	1.5 / 2	6.1	5.4	HSJ10
ATV28HU41N4U	2.2 / 3	8	7	HSJ10
ATV28HU54N4U	3 / -	9.8	8.6	HSJ15
ATV28HU72N4U	4 / 5	12.5	10.7	HSJ15
ATV28HU90N4U	5.5 / 7.5	21.5	18.6	HSJ30
ATV28HD12N4U	7.5 / 10	24.7	21.1	HSJ35
ATV28HD16N4U	11.0 / 15	37.5	32.8	HSJ50
ATV28HD23N4U	15 / 20	42.4	35.8	HSJ60

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.