

Variable speed drives

Altivar Easy 310

Drives



ATV310H037N4E



ATV310HU15N4E



ATV310HU30N4E



ATV310HU75N4E

Drives											
Motor Power indicated on rating plate (1)	Line supply				Altivar Easy 310					Reference	Weight (3)
	Max. line current (2)		Apparent power	Max. prospective line Isc	Maximum continuous output current (In) (1)	Maximum transient current for 60 s	Dissipated power at maximum output current (In) (1)				
kW	HP	380 V A	460 V A	460 V KVA	kA	380 V A	A	W			
Three-phase supply voltage: 380...460 V 50/60 Hz											
0.37	0.5	2.1	1.8	1.4	5	1.5	2.3	19.63	ATV310H037N4E	0.800/1.760	
0.75	1	3.5	3.1	2.5	5	2.3	3.5	28.83	ATV310H075N4E	0.800/1.760	
1.5	2	6.5	5.4	4.3	5	4.1	6.2	51.82	ATV310HU15N4E	1.100/2.430	
2.2	3	8.8	7.2	5.7	5	5.5	8.3	66.32	ATV310HU22N4E	1.100/2.430	
3	4	11.1	9.2	7.3	5	7.1	10.7	80.24	ATV310HU30N4E	1.800/3.970	
4	5	13.7	11.4	9.1	5	9.5	14.3	102.72	ATV310HU40N4E	1.800/3.970	
5.5	7.5	21.3	14.3	11.4	22	12.6	18.9	141.54	ATV310HU55N4E	1.800/3.970	
7.5	10	26.6	22.4	17.8	22	17	25.5	203.87	ATV310HU75N4E	3.700/8.160	
11	15	36.1	30.4	24.2	22	24	36	294.70	ATV310HD11N4E	3.700/8.160	

Dimensions (overall)		
Drives with heatsinks	W x H x D	
	mm	in.
ATV310H037N4E	72 x 143 x 130	2.83 x 5.63 x 5.12
ATV310H075N4E	72 x 143 x 140	2.83 x 5.63 x 5.51
ATV310HU15N4E, HU22N4E	105 x 143 x 151	4.13 x 5.63 x 5.94
ATV310HU30N4E...HU55N4E	140 x 184 x 151	5.51 x 7.24 x 5.94
ATV310HU75N4E, HD11N4E	150 x 232 x 171	5.91 x 9.13 x 6.73

(1) These values are given for a nominal switching frequency of 4 kHz, for use in continuous operation. If operation above 4 kHz needs to be continuous, the nominal drive current should be derated by 10% for 8 kHz and 20% for 12 kHz. The switching frequency can be set between 2 and 12 kHz for all ratings. Above 4 kHz, the drive will reduce the switching frequency automatically in the event of an excessive temperature rise. See the derating curves in the User Manual, available on our local website.

(2) Typical value for the indicated motor power and for the maximum prospective line Isc.

(3) Weight of product without packaging.