

Altivar 310 (Drives with heatsink)
 For asynchronous motors from 0.37kW to 11kW
 Power supply: 380-460VAC, 50/60Hz
 Output frequency range from 0.5 to 400 Hz
 Logic Output LO1: Could configuration for calling
 2nd pump
 Application: Pump, fan, conveyor, simple
 machines, ...
 applications as well as functions for fan
 and simple material handling applications.



Drives with heatsink - Three-phase supply voltage: 380...460 V 50/60 Hz

Motor		Altivar Easy 310		Reference
Power indicated on rating plate	Maximum continuous output current (I _n) (1)	Maximum continuous output current (I _n) (1)	Maximum transient current for 60 s	
KW	HP	A	A	
0.37	0.5	1.5	2.3	ATV310H037N4E
0.75	1	2.3	3.5	ATV310H075N4E
1.5	2	4.1	6.2	ATV310HU15N4E
2.2	3	5.5	8.3	ATV310HU22N4E
3	4	7.1	10.7	ATV310HU30N4E
4	5	9.5	14.3	ATV310HU40N4E
5.5	7.5	12.6	18.9	ATV310HU55N4E
7.5	10	17	25.5	ATV310HU75N4E
11	15	24	36	ATV310HD11N4E

Main options
Remote display terminals and associated cordsets

Description	Degree of protection	Reference
Remote display terminals	IP 54	VW3A1006
	IP 65	VW3A1007
Remote-fixing cordset		Length
Equipped with 2 RJ45 connectors. For connecting the VW3 A1 006 or VW3A1007 remote display terminal to the Altivar Easy 310 drive	1m	VW3A1104R10
	3m	VW3A1104R30

Braking resistors

Not protected resistor (IP00)		Reference
ATV310HU15N4E		VW3A7723
ATV310HU22N4E		
ATV310HU30N4E		VW3A7725
ATV310HU40N4E		
Protected resistor (IP20 or 23)		Reference
ATV310HU15N4E		VW3A7701
ATV310HU22N4E		
ATV310HU30N4E		
ATV310HU40N4E		
ATV310HU55N4E		VW3A7702
ATV310HU75N4E		
ATV310HD11N4E		VW3A7703

(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.

(*) Please contact Schneider Electric distributor for price request

Part number explanation

ATV	310	H	U30	N4
1- Product family ATV= Altivar Drive	2- Product series 310 Series	3- H heat sink	4- Power range The size is expressed in motor kW. (37, 75, 15, 30, 40, 55, 75, 11) The letter of the prefix gives the position of the decimal. O= x 0.01 U = x 0.1 D = x 1	5- Main voltage N4 = 380V, three phase