

Control of three-phase asynchronous, synchronous and special motors from 0.75 to 22 kW
 Output frequency: 0.1...599 Hz
 Overload torque performance up to 180% /220% Tn in an open loop or close loop control
 Motor sensor (RS422 incremental, Sincos) integration up to 22kW.
 Other motor sensors are as option - Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver
 Numerous application functions and embedded safety functions for targeted high performance machines: Material handling, Packaging, Textiles, Hoisting, Material working,...

Điều khiển động cơ 3 pha loại đồng bộ, không đồng bộ và các loại động cơ đặc biệt khác công suất từ 0.75 đến 22 kW
 Tần số ngõ ra: 0.1...599 Hz
 Khả năng quá tải lên đến 180% /220% momen định mức khi điều khiển vòng hở hoặc vòng kín
 Tích hợp sẵn cảm biến động cơ (RS422 incremental, Sincos) với công suất đến 22kW. Tùy chọn phụ kiện cảm biến động cơ- Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver
 Nhiều chức năng ứng dụng và tích hợp sẵn các chức năng an toàn cho các máy phức tạp: vận chuyển vật liệu, đóng gói, máy dệt, cầu trục, máy chế biến vật liệu,...

Unit price (incl.VAT) in VND

Drives with Modular drive (1)

Motor	Line supply		Altivar Machine ATV340						Reference (1)	Unit Price
	Input current (3)	Prospective line Isc	Max. continuous current (2)	Max. transient current for 2s	Max. transient current for 60s	Power indicated on rating plate motor (2)				
						HD: Heavy Duty (5)	ND: Normal Duty (4)			
	380V	480V				kW	HP			
	A	A	kA	A	A	A	A			
Three-phase supply voltage: 380...480 V 50/60 Hz										
HD 0.75	1	3.4	2.6	5	2.2	4	3.3	ATV340U07N4	(*)	
ND 1.1	1.5	3.3	2.6	5	2.8	3.8	3.1			
HD 1.5	2	6	4.9	5	4	7.2	6	ATV340U15N4	(*)	
ND 2.2	3	5.7	4.6	5	5.6	7.6	6.2			
HD 2.2	3	8.4	6.6	5	5.6	10.1	8.4	ATV340U22N4	(*)	
ND 3	3	7.7	6.2	5	7.2	9.7	7.9			
HD 3	3	10.7	8.5	5	7.2	13	10.8	ATV340U30N4	(*)	
ND 4	5	10.1	8.1	5	9.3	12.6	10.2			
HD 4	5	13.4	10.6	5	9.3	16.7	14	ATV340U40N4	(*)	
ND 5.5	7	13.4	10.8	5	12.7	17.1	14			
HD 5.5	7	20	16	22	12.7	22.9	19.1	ATV340U55N4	(*)	
ND 7.5	10	18	14.5	22	16.5	22.3	18.2			
HD 7.5	10	25.6	20.4	22	16.5	29.7	24.8	ATV340U75N4	(*)	
ND 11	15	25.5	20.5	22	24	32.4	26.4			
HD 11	15	34.7	27.7	22	24	43	36	ATV340D11N4	(*)	
ND 15	20	34	27.3	22	32	43	35.2			
HD 15	20	44.9	35.7	22	32	58	48	ATV340D15N4	(*)	
ND 18.5	25	42.3	34	22	39	53	42.9			
HD 18.5	25	54.7	43.4	22	39	70	59	ATV340D18N4	(*)	
ND 22	30	50	40.2	22	46	62	50.6			
HD 22	30	63.5	50.6	22	46	83	69	ATV340D22N4	(*)	
ND 30	40	67.7	54.3	22	62	84	68.2			

- (1) Altivar Machine ATV340...N4 drives integrate EMC filter category C3 with 20 m/65.62 ft shielded motor cable.
- (2) These values are given for a nominal switching frequency of 4 kHz up to ATV340D22N4E, for use in continuous operation. The switching frequency is adjustable. Above 4 kHz, the drive will automatically reduce the switching frequency in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current (see derating curves on our website www.schneider-electric.com).
- (3) Typical value for the indicated motor power and for the prospective line Isc.
- (4) Values given for applications requiring slight overload (up to 135% for 2 s and 110% for 60 s).
- (5) Values given for applications requiring significant overload (up to 180% for 2 s and 150% for 60 s).

(*) Please contact Schneider Electric for price request



ATV340U22N4



ATV340U75N4



ATV340D22N4

Control of three-phase asynchronous, synchronous and special motors from 0.75 to 75 kW
 Output frequency: 0.1...599 Hz
 Overload torque performance up to 180%/ 220% Tn in an open loop or close loop control
 Motor sensor (RS422 incremental, Sincos) integration up to 22kW.
 Other motor sensors are as option - Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver
 Integrated Ethernet IP and Modbus TCP dual port, cyber security (Achilles Level 2)
 Via integrated web server continuous and realtime application data with customizable dashboards
 Master/Slave drive-to-drive link via Ethernet
 Numerous application functions and embedded safety functions for targeted high performance machines: Material handling, Packaging, Textiles, Hoisting, Material working,...

Điều khiển động cơ 3 pha loại đồng bộ, không đồng bộ và các loại động cơ đặc biệt khác công suất từ 0.75 đến 75 kW
 Tần số ngõ ra: 0.1...599 Hz
 Khả năng quá tải lên đến 180% /220% momen định mức khi điều khiển vòng hở hoặc vòng kín
 Tích hợp sẵn cảm biến động cơ (RS422 incremental, Sincos) với công suất đến 22kW. Tùy chọn phụ kiện cảm biến động cơ- Digital (RS422 incremental, Endat2.2, SSI), Analog (sin/cos 1Vpp), Resolver
 Tích hợp sẵn cổng truyền thông kép Ethernet IP/ Modbus TCP theo tiêu chuẩn cyber security (Achilles Level 2)
 Chức năng Web server dữ liệu theo thời gian thực.
 Điều khiển Chủ/Tớ dựa trên kết nối Biến tần- Biến tần thông qua cổng Ethernet
 Nhiều chức năng ứng dụng và tích hợp sẵn các chức năng an toàn cho các máy phức tạp: vận chuyển vật liệu, đóng gói, máy dệt, cầu trục, máy chế biến vật liệu,...

Unit price (incl.VAT) in VND

Drives with Ethernet drive (1)



ATV340U22N4E



ATV340U75N4E



ATV340D22N4E



ATV340D37N4E

Motor	Line supply		Altivar Machine ATV340						Reference (1)	Unit Price	
			Power indicated on rating plate motor (2) HD: Heavy Duty (5) ND: Normal Duty (4) kW HP	Input current (3)		Pros- pective line Isc	Max. continuous current (2)	Max. transient current for 2s			Max. transient current for 60s
				380V A	480V A						
Three-phase supply voltage: 380...480 V 50/60 Hz											
HD 0.75	1	3.4	2.6	5	2.2	4	3.3	ATV340U07N4E	(*)		
ND 1.1	1.5	3.3	2.6	5	2.8	3.8	3.1				
HD 1.5	2	6	4.9	5	4	7.2	6	ATV340U15N4E	(*)		
ND 2.2	3	5.7	4.6	5	5.6	7.6	6.2				
HD 2.2	3	8.4	6.6	5	5.6	10.1	8.4	ATV340U22N4E	(*)		
ND 3	3	7.7	6.2	5	7.2	9.7	7.9				
HD 3	3	10.7	8.5	5	7.2	13	10.8	ATV340U30N4E	(*)		
ND 4	5	10.1	8.1	5	9.3	12.6	10.2				
HD 4	5	13.4	10.6	5	9.3	16.7	14	ATV340U40N4E	(*)		
ND 5.5	7	13.4	10.8	5	12.7	17.1	14				
HD 5.5	7	20	16	22	12.7	22.9	19.1	ATV340U55N4E	(*)		
ND 7.5	10	18	14.5	22	16.5	22.3	18.2				
HD 7.5	10	25.6	20.4	22	16.5	29.7	24.8	ATV340U75N4E	(*)		
ND 11	15	25.5	20.5	22	24	32.4	26.4				
HD 11	15	34.7	27.7	22	24	43	36	ATV340D11N4E	(*)		
ND 15	20	34	27.3	22	32	43	35.2				
HD 15	20	44.9	35.7	22	32	58	48	ATV340D15N4E	(*)		
ND 18.5	25	42.3	34	22	39	53	42.9				
HD 18.5	25	54.7	43.4	22	39	70	59	ATV340D18N4E	(*)		
ND 22	30	50	40.2	22	46	62	50.6				
HD 22	30	63.5	50.6	22	46	83	69	ATV340D22N4E	(*)		
ND 30	40	67.7	54.3	22	62	84	68.2				
HD 30	40	54.8	48.3	50	61.5	92.25	92.25	ATV340D30N4E	(*)		
ND 37	50	66.2	57.3	50	74.5	89.4	89.4				
HD 37	50	67.1	59	50	74.5	111.75	111.75	ATV340D37N4E	(*)		
ND 45	60	78.9	69.1	50	88	105.6	105.6				
HD 45	60	81.4	71.8	50	88	132	132	ATV340D45N4E	(*)		
ND 55	75	97.2	84.2	50	106	127.2	127.2				
HD 55	75	98.9	86.9	50	106	159	159	ATV340D55N4E	(*)		
ND 75	100	131.3	112.7	50	145	174	174				
HD 75	100	134.3	118.1	50	145	217.5	217.5	ATV340D75N4E	(*)		
ND 90	125	156.2	135.8	50	173	207.6	207.6				

(1) These values are given for a nominal switching frequency of 4 kHz up to ATV340D37N4E (2.5 kHz for ATV340D45N4E...ATV340U75N4E), for use in continuous operation. The switching frequency is adjustable. Above 2.5 or 4 kHz (depending on the rating), the drive will automatically reduce the switching frequency in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current (see derating curves on our website www.schneider-electric.com).

(2) Altivar Machine ATV340U07...D22N4E drives integrate EMC filter category C3 with 20 m/65.62 ft shielded motor cable. ATV340D30...D37N4E integrate EMC filter category C2 with 50 m/164.04 ft motor cable and category C3 with 150 m/492.12 ft motor cable. ATV340D45...D75N4E integrate EMC filter category C3 with 150 m/492.12 ft shielded motor cable.

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

(4) Values given for applications requiring slight overload (up to 135% for 2 s and 110% for 60 s).

(5) Values given for applications requiring significant overload (up to 180% for 2 s and 150% for 60 s).

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