



ATV 212H075M3X
EMC plate not mounted



ATV 212HD15N4
EMC plate not mounted



ATV 212HD55N4
EMC plate not mounted

IP 21 drives (frequency range from 0.5 to 200 Hz)

Motor	Line supply					Altivar 212					
Power indicated on rating plate	Line current (1)		Apparent power	Maximum prospective line Isc	Max. continuous output current (In) (2)	Maximum transient current for 60 s	Dissipated power at maximum output current	THDI (3)	Reference	Weight	
	200 V 240 V		240 V		230 V		240 V				
	kW	HP	A	A	kVA	kA	A	A	W	%	kg
Three-phase supply voltage: 200...240 V 50/60 Hz, without EMC filter (4)											
0.75	1	3.3	2.7	1.1	5	4.6	5.1	63	31.3	ATV 212H075M3X	1.800
1.5	2	6.1	5.1	2.1	5	7.5	8.3	101	31.6	ATV 212HU15M3X	1.800
2.2	3	8.7	7.3	3	5	10.6	11.7	120	30.7	ATV 212HU22M3X	1.800
3	—	—	10	4.2	5	13.7	15.1	146	32.4	ATV 212HU30M3X	3.050
4	5	14.6	13	5.4	5	18.7	19.3	193	31.1	ATV 212HU40M3X	3.050
5.5	7.5	20.8	17.3	7.2	22	24.2	26.6	249	30.7	ATV 212HU55M3X	6.100
7.5	10	27.9	23.3	9.7	22	32	35.2	346	30.8	ATV 212HU75M3X	6.100
11	15	42.1	34.4	14.3	22	46.2	50.8	459	35.5	ATV 212HD11M3X	11.550
15	20	56.1	45.5	18.9	22	61	67.1	629	33.3	ATV 212HD15M3X	11.550
18.5	25	67.3	55.8	23.2	22	74.8	82.3	698	32	ATV 212HD18M3X	11.550
22	30	80.4	66.4	27.6	22	88	96.8	763	35	ATV 212HD22M3X	27.400
30	40	113.3	89.5	37.2	22	117	128.7	1085	32.1	ATV 212HD30M3X	38.650

Motor	Line supply					Altivar 212			THDI (3)	Reference	Weight
Power indicated on rating plate	Max. line current (1)		Apparent power	Maximum prospective line Isc		Max. continuous output current (In) (2)	Maximum transient current for 60 s	Dissipated power at maximum output current	%		
	380 V	480 V	380 V			(5)		380 V			
kW	HP	A	A	kVA	kA	A	A	W			kg
Three-phase supply voltage: 380...480 V 50/60 Hz, with integrated category C2 or C3 EMC filter (4)											
0.75	1	1.7	1.4	1.1	5	2.2	2.4	55	32.8	ATV 212H075N4	2.000
1.5	2	3.2	2.5	2.1	5	3.7	4	78	30.9	ATV 212HU15N4	2.000
2.2	3	4.6	3.6	3	5	5.1	5.6	103	30.5	ATV 212HU22N4	2.000
3	—	6.2	4.9	4.1	5	7.2	7.9	137	31.2	ATV 212HU30N4	3.350
4	5	8.1	6.4	5.3	5	9.1	10	176	30.6	ATV 212HU40N4	3.350
5.5	7.5	10.9	8.6	7.2	22	12	13.2	215	30.5	ATV 212HU55N4	3.350
7.5	10	14.7	11.7	9.7	22	16	17.6	291	30.9	ATV 212HU75N4	6.450
11	15	21.1	16.8	13.9	22	22.5	24.8	430	30.4	ATV 212HD11N4	6.450
15	20	28.5	22.8	18.7	22	30.5	33.6	625	30.9	ATV 212HD15N4	11.650
18.5	25	34.8	27.8	22.9	22	37	40.7	603	30.5	ATV 212HD18N4	11.650
22	30	41.1	32.6	27.3	22	43.5	47.9	723	31.9	ATV 212HD22N4S▲	11.650
22	30	41.6	33.1	27.3	22	43.5	47.9	626	30.7	ATV 212HD22N4	26.400
30	40	56.7	44.7	37.3	22	58.5	64.4	847	30	ATV 212HD30N4	26.400
37	50	68.9	54.4	45.3	22	79	86.9	976	30.3	ATV 212HD37N4	38.100
45	60	83.8	65.9	55.2	22	94	103.4	1253	30.2	ATV 212HD45N4	38.100
55	75	102.7	89	67.6	22	116	127.6	1455	32.7	ATV 212HD55N4	55.400
75	100	141.8	111.3	93.3	22	160	176	1945	31.1	ATV 212HD75N4	55.400

Dimensions (overall)

Drives (5)		W x H x D	
		EMC plate mounted	EMC plate not mounted
ATV 212H●●●M3X	ATV 212H●●●N4	mm	mm
ATV 212075M3X...U22M3X	ATV 212075N4...U22N4	107 x 192 x 150	107 x 143 x 150
ATV 212U30M3X, U40M3X	ATV 212U30N4...U55N4	142 x 232 x 150	142 x 184 x 150
ATV 212U55M3X, U75M3X	ATV 212U75N4, D11N4	180 x 307 x 170	180 x 232 x 170
ATV 212D11M3X...D18M3X	ATV 212D15N4...D22N4S	245 x 405 x 190	245 x 330 x 190
ATV 212D22M3X	ATV 212D22N4, D30N4	240 x 542 x 214	240 x 420 x 214
—	ATV 212D37N4, D45N4	240 x 663 x 244	240 x 550 x 244
ATV 212D30M3X	ATV 212D55N4, D75N4	320 x 723 x 290	320 x 605 x 290

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

(2) These values are given for a nominal switching frequency of 12 kHz up to ATV 212HD15M3X and up to ATV 212HD15N4 or 8 kHz for ATV 212HD18M3X...HD30M3X and ATV 212HD18N4...HD75N4, for use in continuous operation. The switching frequency can be set between 6 and 16 kHz for all ratings. Above 8 kHz or 12 kHz, depending on the rating, the drive will reduce the switching frequency automatically in the event of an excessive temperature rise. For continuous operation above the nominal switching frequency, derate the nominal drive current. The nominal motor current must not exceed this derating value. See the derating curves on our website www.schneider-electric.com.

(3) Total current harmonic distortion in accordance with IEC/EN 61000-3-12.

(4) Drives are supplied with an EMC plate, for customer assembly.

(5) Value given at 380 V (IEC)/460 V (NEC).

▲ Marketed 2nd half 2011