



ATV950D15N4



ATV950D30N4



ATV950D55N4

380...480 V (-15...10%) IP55 drives - Wall mounting with braking unit										
Motor			Line supply				Altivar Process			
Power indicated on rating plate (1)			Line current (2)		Apparent power 480 V	Prospective line Isc	Maximum continuous current (1)	Maximum transient current for 60 s	Reference (3)	Weight
ND:	Normal duty (4)									
HD:	Heavy duty (5)									
	kW	HP	A	A	kVA	kA	A	A		kg/lb
With category C2 or C3 integrated EMC filter (6)										
ND	0.75	1	1.5	1.3	1.1	50	2.2	2.6	ATV950U07N4	10.500/ 23.149
HD	0.37	0.5	0.9	0.8	0.7	50	1.5	2.3		
ND	1.5	2	3	2.6	2.2	50	4	4.8	ATV950U15N4	10.500/ 23.149
HD	0.75	1	1.7	1.5	1.2	50	2.2	3.3		
ND	2.2	3	4.3	3.8	3.2	50	5.6	6.7	ATV950U22N4	10.500/ 23.149
HD	1.5	2	3.1	2.9	2.4	50	4	6		
ND	3	—	5.8	5.1	4.2	50	7.2	8.6	ATV950U30N4	10.600/ 23.369
HD	2.2	3	4.5	4	3.3	50	5.6	8.4		
ND	4	5	7.6	6.7	5.6	50	9.3	11.2	ATV950U40N4	10.600/ 23.369
HD	3	—	6	5.4	4.5	50	7.2	10.8		
ND	5.5	7.5	10.4	9.1	7.6	50	12.7	15.2	ATV950U55N4	10.700/ 23.589
HD	4	5	8	7.2	6.0	50	9.3	14		
ND	7.5	10	13.8	11.9	9.9	50	16.5	19.8	ATV950U75N4	13.700/ 30.203
HD	5.5	7.5	10.5	9.2	7.6	50	12.7	19.1		
ND	11	15	19.8	17	14.1	50	23.5	28.2	ATV950D11N4	13.700/ 30.203
HD	7.5	10	14.1	12.5	10.4	50	16.5	24.8		
ND	15	20	27	23.3	19.4	50	31.7	38	ATV950D15N4	19.600/ 43.211
HD	11	15	20.6	18.1	15	50	23.5	35.3		
ND	18.5	25	33.4	28.9	24	50	39.2	47	ATV950D18N4	20.600/ 45.415
HD	15	20	27.7	24.4	20.3	50	31.7	47.6		
ND	22	30	39.6	34.4	28.6	50	46.3	55.6	ATV950D22N4	20.600/ 45.415
HD	18.5	25	34.1	29.9	24.9	50	39.2	58.8		
ND	30	40	53.3	45.9	38.2	50	61.5	73.8	ATV950D30N4	50.000/ 110.231
HD	22	30	40.5	35.8	29.8	50	46.3	69.5		
ND	37	50	66.2	57.3	47.6	50	74.5	89.4	ATV950D37N4	50.000/ 110.231
HD	30	40	54.8	48.3	40.2	50	61.5	92.3		
ND	45	60	79.8	69.1	57.4	50	88	105.6	ATV950D45N4	50.000/ 110.231
HD	37	50	67.1	59	49.1	50	74.5	111.8		
ND	55	75	97.2	84.2	70	50	106	127.2	ATV950D55N4	87.000/ 191.802
HD	45	60	81.4	71.8	59.7	50	88	132		
ND	75	100	131.3	112.7	93.7	50	145	174	ATV950D75N4	87.000/ 191.802
HD	55	75	98.9	86.9	72.2	50	106	159		
ND	90	125	156.2	135.8	112.9	50	173	207.6	ATV950D90N4	87.700/ 193.345
HD	75	100	134.3	118.1	98.2	50	145	217.5		

(1) These values are given for an adjustable nominal switching frequency of 4 kHz up to **ATV950D45N4** or 2.5 kHz for **ATV950D55N4...D90N4** drives, for use in continuous operation.
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 in the [Installation Manual](#)).

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

(3) Supplied with cable gland.

(4) Values given for applications requiring a slight overload (up to 120%).

(5) Values given for applications requiring a significant overload (up to 150%).

(6) Category C2 EMC filter for **ATV950U07N4...D45N4** drives. Category C3 EMC filter above **ATV950D45N4**.

Note: Consult the summary tables of possible drive, option and accessory combinations (see [page 2/18](#)).