

Variable speed drives

Altivar Process ATV900

Drive products for integration

Three-phase supply voltage: 380...480 V 50/60 Hz



ATV930U75N4Z

3

380...480 V (-15...10%) 50/60 Hz drive products for cabinet integration										
Motor			Line supply				Drive			
Power indicated on rating plate (1)			Line current (2)		Apparent power	Prospective line Isc	Maximum continuous current (1)	Maximum transient current for 60 s	Reference (5)	Weight kg/lb
			380 V	480 V	380 V					
ND: Normal duty (3)										
HD: Heavy duty (4)										
kW	HP		A	A	kVA	kA	A	A		
With category C2 or C3 integrated EMC filter										
IP20 drives										
ND	0.75	1	1.5	1.3	1.1	50	2.2	2.6	ATV930U07N4Z	–
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	ATV930U15N4Z	–
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	ATV930U22N4Z	–
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	ATV930U30N4Z	–
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	ATV930U40N4Z	–
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	ATV930U55N4Z	–
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	ATV930U75N4Z	–
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	ATV930D11N4Z	–
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	ATV930D15N4Z	–
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	ATV930D18N4Z	–
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	ATV930D22N4Z	–
HD	18.5	25	34.1	29.9	24.9	50	39.2	58.8		

(1) These values are given for use in continuous operation with a nominal switching frequency of 4 kHz (ATV930U07N4Z...D45N4Z). The switching frequency is adjustable from 2...12 kHz (ATV930U07N4Z...D45N4Z).

Above the nominal switching frequency, the drive will automatically reduce the switching frequency in the event of an excessive temperature rise.

For continuous operation above the nominal switching frequency, nominal drive current should be derated according to the derating curves available in the [Installation Manual](#).

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

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

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

(5) For applications requiring Type 12 ready-to-use, add "U" at the end of the reference (ATV●●●N4ZU).