

Variable speed drives

Altivar Process ATV900

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

Wall-mounting drives



ATV930C11N4C



ATV930C25N4C

380...480 V (-15...10%) IP21/UL Type 1 drives - Wall mounting without braking unit

Motor		Line supply				Altivar Process			
		Line current (2)		Apparent power	Prospective line Isc	Maximum continuous current (1)	Maximum transient current for 60 s	Reference (3)	Weight
		380 V	480 V	480 V					
ND: Normal duty (4)									
HD: Heavy duty (5)									
kW	HP	A	A	kVA	kA	A	A		kg/lb
With category C3 integrated EMC filter									
ND 55	75	97.2	84.2	70.0	50	106	127.2	ATV930D55N4C	56.500/124.561
HD 45	60	81.4	71.8	59.7	50	88	132		
ND 75	100	131.3	112.7	93.7	50	145	174.0	ATV930D75N4C	58.000/127.868
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	ATV930D90N4C	58.500/128.970
HD 75	100	134.3	118.1	98.2	50	145	217.5		
ND 110	150	201	165	121.8	50	211	253	ATV930C11N4C (6)	82.000/180.779
HD 90	125	170	143	102.6	50	173	259.5		
ND 132	200	237	213	161.4	50	250	300	ATV930C13N4C (6)	82.000/180.779
HD 110	150	201	165	121.8	50	211	317		
ND 160	250	284	262	201.3	50	302	362	ATV930C16N4C (6)	82.000/180.779
HD 132	200	237	213	161.4	50	250	375		
ND 220	350	397	324	247	50	427	512	ATV930C22N4C (6)	172.000/319.195
HD 160	250	296	246	187	50	302	453		
ND 250	400	451	366	279	50	481	577	ATV930C25N4C (6)	203.000/447.538
HD 200	300	365	301	229	50	387	581		
ND 315	500	569	461	351	50	616	739	ATV930C31N4C (6)	203.000/447.538
HD 250	400	457	375	286	50	481	722		

(1) These values are given for a nominal switching frequency of 2.5 kHz for use in continuous operation.

The switching frequency is adjustable for all ratings.

Above 2.5 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 in the [Installation Manual](#)).

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

(3) For **ATV930...N4Z** cabinet integration drives, see [pages 3/6 and 3/7](#) in the cabinet integration section.

(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) Product supplied as IP00 for mounting in an enclosure. For IP21/UL Type 1 wall mounting, a conformity kit should be ordered separately (see [page 2/13](#)).

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