



Main

Range of product	Altivar 68
Product or component type	Variable speed drive

Complementary

Product destination	Asynchronous motors
[Us] rated supply voltage	400...500 V (- 10...10 %)
Supply frequency	50...60 Hz (- 5...5 %)
Network frequency limits	47.5...63 Hz
Network number of phases	3 phases
Motor power kW	160 kW at 400...500 V
Motor power hp	250 hp
Line current	306 A at 400 V 282 A at 440 V 283 A at 460 V 244 A at 500 V
Continuous output current	325 A at 400 V 302 A at 440 V 302 A at 460 V 260 A at 500 V
Speed drive output frequency	0...300 Hz
Nominal switching frequency	2.5 kHz
Switching frequency	2.5...8 kHz with current derating
Local signalling	1 graphic display terminal
Output voltage	<= power supply voltage
Communication port protocol	Modbus
Physical interface	RS485 multidrop serial link
Transmission rate	9.6...19.2 kbauds
Height	1300 mm
Width	705 mm
Depth	425 mm
Option card	Communication card for CANopen Communication card for Ethernet Communication card for Uni-Telway Communication card for AS-Interface

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Communication card for Profibus DP
Communication card for Fipio
Communication card for Modbus Plus
Communication card for DeviceNet
Communication card for Interbus-S

Environment

IP degree of protection	IP00
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-25...70 °C
Operating altitude	> 1000...2000 m (derate : 1 % per 100 m) <= 1000 m

ATV68FC23N4 is replaced by the following group of products:



Variable speed drives ATV71HC16N4

variable speed drive ATV71 - 160kW-250HP - 480V - EMC filter-graphic terminal

Qty 1



Options VW3A3402

encoder interface card with RS422 compatible differential outputs - 15 V DC

Qty 1

Reason for Substitution: End of life | Substitution date: 01 April 2005