



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	75 kW at 400...500 V
Motor power hp	100 hp
Line current	133 A at 400 V 121 A at 440 V At 460 V 106 A at 500 V
Continuous output current	At 400 V 129 A at 440 V 124 A at 460 V 113 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	600 mm
Width	346 mm
Depth	355 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

Contractual warranty

Warranty period	18 months
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ATV68FC10N4 is replaced by the following group of products:



Variable speed drives ATV71HD75N4

variable speed drive ATV71 - 75kW-100HP - 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