



Main

Range of product	Altivar 58
Product or component type	Variable speed drive

Complementary

Product destination	Asynchronous motors
[Us] rated supply voltage	200...240 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	3 kW
Line current	17.2 A at 200 V 15 A at 240 V
Prospective line Isc	5 kA
Continuous output current	13.7 A
Speed drive output frequency	0.1...500 Hz
Switching frequency	4 kHz
Local signalling	1 graphic display terminal
Communication port protocol	Modbus
Physical interface	RS485 multidrop serial link
Transmission rate	9.6...19.2 kbauds
Height	286 mm
Width	175 mm
Depth	184 mm
Option card	Communication card for CANopen Communication card for Ethernet Communication card for Uni-Telway Communication card for AS-Interface Communication card for Profibus DP Communication card for Fipio Communication card for Modbus Plus Communication card for DeviceNet Communication card for Interbus-S

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

Environment

IP degree of protection	IP41 on upper part IP21
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-25...70 °C
Operating altitude	> 1000 m with current derating 3 % per 1000 m <= 1000 m

ATV58HU54M2 may be replaced by any of the following products:



Variable speed drives ATV71HU30M3

variable speed drive ATV71 - 3kW-240V - EMC filter-graphic terminal

Qty 1

Reason for Substitution: End of life | Substitution date: 24 February 2006



Variable speed drives ATV71HU40M3

variable speed drive ATV71 - 4kW-5HP - 240V - EMC filter-graphic terminal

Qty 1

Reason for Substitution: End of life | Substitution date: 20 June 2006



Drive Products ATV930U30M3

variable speed drive - ATV930 - 3kW - 200/240V- with braking unit - IP21

Qty 1

Reason for Substitution: End of life | Substitution date: 01 January 2007