



Main

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

Complementary

Product destination	Asynchronous motors
[Us] rated supply voltage	380...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	5.5 kW
Motor power hp	7.5 hp
Line current	17 A at 380 V 13.2 A at 500 V
Prospective line I _{sc}	5 kA
Continuous output current	13 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

ATV58HU90N4 is replaced by the following group of products:



Variable speed drives ATV71HU55N4

variable speed drive ATV71 - 5.5kW-7.5HP - 480V - EMC filter-graphic terminal

Qty 1



Accessories VW3A9305

substitution kit for ATV38/58 - compatible with ATV61/ATV71

Qty 1

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