

Product data sheet

Specifications



ATV58 500V 5,5KW/HEATSK 380/500V 7,5HP

ATV58HU90N4

! Discontinued on: 31 December 2006

! End-of-service on: 31 December 2011

! Discontinued

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 Profibus DP Communication card for CANopen Communication card for DeviceNet Communication card for Ethernet Communication card for Fipio Communication card for Uni-Telway Communication card for Interbus-S Communication card for Modbus Plus Communication card for AS-Interface

Environment

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

Packing Units

Package 1 Weight	7.118 kg
Package 1 Height	2.450 dm
Package 1 width	2.450 dm
Package 1 Length	4.100 dm

Recommended replacement(s)

ATV58HU90N4 may be replaced by any of the following products:

1x



Variable speed drive, Altivar Process ATV900, ATV930, 7,5 kW, 400/480 V, with braking unit, IP21
ATV930U75N4

1x



Variable speed drive, Altivar Machine ATV340, 5.5 kW Heavy Duty, 400 V, 3 phases
ATV340U55N4