



### Main

Range of product	Altivar 66
Product or component type	Variable speed drive

### Complementary

Product destination	Asynchronous motors
[Us] rated supply voltage	380...460 V (- 10...10 %)
Supply frequency	50...60 Hz (- 5...5 %)
Network frequency	47.5...63 Hz
Network number of phases	3 phases
Motor power kW	90 kW at 380...460 V
Motor power hp	125 hp
Line current	161 A at 380 V 146 A at 460 V
Apparent power	130 kVA at 400 V
Continuous output current	172 A at 380 V 137 A at 460 V
Output frequency	0...0.3 kHz
Nominal switching frequency	2.5 kHz
Switching frequency	2...4.9 kHz 4...8 kHz with current derating
Local signalling	1 graphic display terminal
Output voltage	400 V
Communication port protocol	Modbus
Physical interface	RS485 multidrop serial link
Transmission rate	9.6...19.2 kbauds
Height	980 mm
Width	585 mm
Depth	392 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

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 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

---

## ATV66C13N4 is replaced by:

---



### Variable speed drives ATV71HD90N4

variable speed drive ATV71 - 90kW-125HP - 480V - EMC filter-graphic terminal

Qty 1

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

---