

Product data sheet

Specifications



adjustable speed drive ATV66 16KVA 400/460V

ATV66D16N4F

⚠ Discontinued on: Dec 31, 2001

⚠ End-of-service on: Dec 31, 2009

⚠ Discontinued

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	15 kW at 380...460 V
Motor Power Hp	20 hp
Line Current	35.4 A at 380 V 28 A at 460 V
Apparent Power	16 kVA at 400 V
Continuous Output Current	24.2 A at 400 V
Output Frequency	0...0.3 kHz
Nominal Switching Frequency	2.5 kHz
Switching Frequency	0.5...4 kHz 8...16 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	415 mm
Width	234 mm
Depth	245 mm

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

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	IP00
Ambient Air Temperature For Operation	0...40 °C
Ambient Air Temperature For Storage	-25...70 °C
Operating Altitude	<= 1000 m
	> 1000...2000 m 1 % per 100 m