

Product data sheet

Specifications



Altivar ATV16 230 V 0.37 kW single phase - IP 31

ATV16U09M2

⚠ Discontinued on: Dec 31, 1998

⚠ End-of-service on: Dec 31, 2003

⚠ Discontinued

Main

Range Of Product	Altivar 16
Product Or Component Type	Variable speed drive

Complementary

Product Destination	Asynchronous motors
[Us] Rated Supply Voltage	200...240 V - 15...10 %
Supply Frequency	50/60 Hz +/- 5 %
Network Frequency Limits	47.5...63 Hz
Phase	1 phase
Motor Power Kw	0.37 kW
Maximum Horse Power Rating	0.5 hp
Line Current	7.3 A 200 V 6.1 A 240 V
Apparent Power	1 kVA 230 V
Prospective Line Isc	1 kA
Continuous Output Current	3.3 A 200 V 3.3 A 240 V
Speed Drive Output Frequency	0.5...400 Hz
Nominal Switching Frequency	4 kHz
Switching Frequency	12...16 kHz with derating factor 2...12 kHz adjustable
Local Signalling	for DC bus energized 1 LED (red)
Output Voltage	<= power supply voltage
Communication Port Protocol	Modbus
Connector Type	1 RJ45
Physical Interface	2-wire RS 485
Transmission Frame	RTU
Transmission Rate	9600 bps or 19200 bps
Data Format	8 bits, 1 stop, odd even or no configurable parity
Height	6.30 in (160 mm)
Width	5.91 in (150 mm)
Depth	4.72 in (120 mm)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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 APOGEE FLN Communication card BACnet Communication card LonWorks Communication card METASYS N2
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Environment

Ip Degree Of Protection	IP31 EN 60530 IP31 EN 61800-5-2 IP31 IEC 60529 IP31 IEC 61800-5-1
Ambient Air Temperature For Operation	14...104 °F (-10...40 °C) without derating 104...122 °F (40...50 °C) with derating factor)
Ambient Air Temperature For Storage	-13...158 °F (-25...70 °C)
Operating Altitude	<= 6561.68 ft (2000 m) 3280.84...9842.52 ft (1000...3000 m)

Ordering and shipping details

Category	18404-WORLD SERVICE PARTS(DRIVES)
Discount Schedule	CP10
Returnability	No

Contractual warranty

Warranty	18 months
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