

Product data sheet

Specifications



adjustable speed drive ATV-68C with heat sink - 75 kW - without EMC filter

ATV68C10N4

⚠ Discontinued

Main

Range Of Product	Altivar 68
Product Or Component Type	Variable speed drive

Complementary

Product Destination	Asynchronous motors
[Us] Rated Supply Voltage	400...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	75 kW at 400...500 V
Motor Power Hp	100 hp
Line Current	133 A at 400 V 121 A at 440 V 116 A at 460 V 106 A at 500 V
Continuous Output Current	142 A at 400 V 129 A at 440 V 124 A at 460 V 113 A at 500 V
Speed Drive Output Frequency	0...300 Hz
Nominal Switching Frequency	2.5 kHz
Switching Frequency	2.5...8 kHz with current derating
Local Signalling	1 graphic display terminal
Output Voltage	<= power supply voltage
Communication Port Protocol	Modbus
Physical Interface	RS485 multidrop serial link
Transmission Rate	9.6...19.2 kbauds
Height	600 mm
Width	346 mm
Depth	355 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