Product data sheet

Specifications

ATV38 500V 132 kW enclosed - variable torque

ATV38HC15N4X

Discontinued on: 31 December 2006

End-of-service on: 31 December 2011

Discontinued

Main

Range of product	Altivar 38
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	132 kW
Motor power hp	200 hp
Line current	239 A at 380 V 224 A at 460 V
Prospective line Isc	35 kA
Continuous output current	259 A at 400 V
Speed drive output frequency	0.1…500 Hz
Nominal switching frequency	2.5 kHz
Switching frequency	0.5...4 Hz 8...16 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	340 mm
Width	1190 mm
Depth	377 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

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 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

Recommended replacement(s)

ATV38HC15N4X is replaced by:

1x

Variable speed drive, Altivar Process ATV600, ATV630, 130 kW, 380...480 V, IP00

ATV630C13N4