

# Product data sheet

Specifications



## ATV38 500V 250 kW enclosed - variable torque

ATV38HC28N4X

⚠ 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	250 kW
Motor Power Hp	400 hp
Line Current	444 A at 380 V 435 A at 460 V
Prospective Line Isc	50 kA
Continuous Output Current	481 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	595 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 Communication card for Modbus Plus Communication card for AS-Interface

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

# 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