

Product data sheet

Specifications



ATV58F 500V 37KW/HEATSK FVC 380/500V 5

ATV58FHD54N4

ⓘ Discontinued

Main

Range Of Product	Altivar 58
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	37 kW
Motor Power Hp	50 hp
Line Current	68 A at 380 V 55 A at 500 V
Prospective Line Isc	5 kA
Continuous Output Current	79 A
Speed Drive Output Frequency	0.1...500 Hz
Switching Frequency	4 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	350 mm
Width	650 mm
Depth	304 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

Environment

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

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 with current derating 3 % per 1000 m