

Product datasheet

Specifications



adjustable speed drive ATV-28H with heat sink - 0.75 kW - Class A EMC filter

ATV28HU18M2

❗ Discontinued on: 31 December 2004

❗ End-of-service on: 31 December 2006

❗ Discontinued

Main

Range of product	Altivar 28
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...5 %
Network frequency limits	47.5...63 Hz
Network number of phases	1 phase
Motor power kW	0.75 kW
Motor power hp	1 hp
Line current	9.8 A at 200 V 8.2 A at 240 V
Apparent power	1 kVA at 230 V
Prospective line Isc	1 kA
Continuous output current	4.8 A at 200 V 4.8 A at 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	1 LED (red) for DC bus energized
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	130 mm

Width	105 mm
Depth	140 mm
Option card	Communication card for APOGEE FLN Communication card for BACnet Communication card for LonWorks Communication card for METASYS N2

Environment

IP degree of protection	IP31 conforming to EN 60530 IP31 conforming to EN 61800-5-2 IP31 conforming to IEC 60529 IP31 conforming to IEC 61800-5-1
Ambient air temperature for operation	-10...40 °C (without derating) 40...60 °C (with derating factor)
Ambient air temperature for storage	-25...70 °C
Operating altitude	<= 2000 m 1000...3000 m

Packing Units

Package 1 Weight	2.024 kg
Package 1 Height	2.050 dm
Package 1 Width	1.650 dm
Package 1 Length	2.050 dm

Recommended replacement(s)

ATV28HU18M2 is replaced by:

1x



Variable speed drive, Altivar Machine ATV320, 0.75 kW, 200...240 V, 1 phase, compact
ATV320U07M2C