

Main

Range of product	Altivar 660 Drive System
Product or component type	Variable speed drive
Product specific application	Process and utilities
Device short name	ATV600
Product destination	Synchronous motors Asynchronous motors
Mounting mode	Wall-mounted
Function available	Customised cable entry Customised provided equipment Customised option card Customised enclosure colour
Maximum Horse Power Rating	2 hp
Cable entry	Top Bottom
Colour of enclosure	Light grey RAL 7035)
IP degree of protection	IP23 UL 508 A IP54
Degree of protection	UL type 1 UL type 12 UL type 3R
Type of cooling	Forced convection
[Us] rated supply voltage	230 V + 10 % - 15 %
Supply frequency	50/60 Hz +/- 5 %
Phase	3 phase
Overvoltage category	III
Asynchronous motor control profile	Constant torque standard Variable torque standard Optimized torque mode
Permissible temporary current boost	1.1 x In 60 s normal duty) 1.5 x In 60 s heavy duty)
Nominal switching frequency	2.5 kHz
Switching frequency	0.5...8 kHz adjustable
Motor power kW	1.5 kW
Maximum THDI	<48 % full load IEEE 519
Energy efficiency ratio	0.95

Environment

Pollution degree	2 IEC 60664-1
Vibration resistance	1.5 mm peak to peak 3...13 Hz)IEC 60721-3-3
Relative humidity	95 % without condensation or dripping water IEC 60068-2-78
Ambient air temperature for operation	14...104 °F (-10...40 °C)
Ambient air temperature for storage	-13...149 °F (-25...65 °C)
Operating altitude	3280.84 ft (1000 m) without
Standards	UL 508 A