ALTIVAR 71

Product Data Sheet

ATV71HD15N4Z

15 kW three-phase variable-speed drive

MOTOR POWER	SUPPLY ARRANGEMENT	RATED SUPPLY VOLTAGE	SUPPLY FREQUENCY
15 kW / 20 hp	**Three-phase**	**380-480 V AC, -15%/+10%**	**50-60 Hz, -5%/+5%**

Schneider Electric ATV71HD15N4Z is an Altivar 71 variable-speed drive for a 15 kW, 20 hp motor on a three-phase 380-480 V AC supply. The drive includes an EMC filter and a heat-sink assembly for its documented mounting arrangement.

01 TECHNICAL DATA

Motor power	15 kW / 20 hp
Supply arrangement	Three-phase
Rated supply voltage	380-480 V AC, -15%/+10%
Supply frequency	50-60 Hz, -5%/+5%
Line current	48 A at 380 V; 39 A at 480 V
Apparent power	31.6 kVA at 380 V
Nominal output current	33 A at 380 V; 27 A at 460 V, 4 kHz
Transient output current	49.5 A for 60 s; 54.5 A for 2 s
Output frequency	0.1-599 Hz
Nominal switching frequency	4 kHz

02 ADDITIONAL PRODUCT DATA

EMC filter	Integrated
Graphic display terminal	Without remote graphic display terminal
Analog inputs	Two configurable analog inputs
Discrete inputs	Six; LI6 selectable for logic input or PTC
Communication protocols	Modbus and CANopen

03 PRODUCT FUNCTION

This execution is supplied without a remote graphic display terminal. At 4 kHz the nominal output rating is 33 A at 380 V or 27 A at 460 V, with separate short-term overload ratings. The specification provides configurable analog and discrete inputs, Modbus and CANopen communication, and an output-frequency range of 0.1-599 Hz.

04 SYSTEM COMPATIBILITY

Install vertically and retain the manufacturer mounting clearances and cooling path. The datasheet distinguishes the bare-drive depth from configurations with one or two option cards; use the drawing corresponding to the actual fitted cards and enclosure.

05 REFERENCE

Schneider Electric ATV71HD15N4Z Product Data Sheet, 9 August 2019; characteristics and mounting/connection drawings.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**