

ATV930D45N4Z

Schneider Electric ATV930D45N4Z - Altivar Process ATV930 Variable Speed Drive
45kW 380-480V IP21

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV930D45N4Z
PRODUCT FAMILY	CATEGORY
Altivar Process ATV900	Variable Frequency Drive
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Altivar Process ATV900 variable speed drive can feed 3-phase synchronous and asynchronous power motors. It is suitable for motors with power rating up to 45kW/60HP for applications requiring slight overload (up to 120%). It is suitable for motors with power rating up to 37kW/50HP for applications requiring significant overload (up to 150%). It works at a rated supply voltage from 380Vac to 480Vac. This variable speed / frequency drive (VSD / VFD) is specifically designed for industrial processes. In the following market segments: oil and gas, mining, minerals and metals, food and beverage water and wastewater. It offers high motor performance on any motor and total control of any kind of coupling in master/slave applications. Network services help ensure operation continuity even in case of connection breakdown. Web server and data logging help reduce downtime through fast troubleshooting and preventive maintenance. Its advanced connectivity, including EtherNet/IP and Modbus TCP, allows deep integration into automation architectures. Schneider Electric ATV930D45N4Z is the exact manufacturer reference for Altivar Process ATV930 Variable Speed Drive 45kW 380-480V IP21 in the Altivar Process ATV900 family. Recorded technical characteristics include EMC Filter: Integrated With EMC plate option; Analog Inputs: 3; Relay Outputs: 3; Analog Outputs: 2; Discrete Inputs: 10; Discrete Outputs: 2; Network Frequency: 50...60 Hz; Switching Frequency: 2...16 kHz adjustable. For an RFQ,

RECORDED SPECIFICATIONS

EMC Filter	Integrated With EMC plate option
Analog Inputs	3
Relay Outputs	3
Analog Outputs	2
Discrete Inputs	10
Discrete Outputs	2
Network Frequency	50...60 Hz
Switching Frequency	2...16 kHz adjustable
Prospective Line Isc	50 kA
Rated Supply Voltage	380...480 V

ADDITIONAL SPECIFICATIONS

IP Degree Of Protection	IP21
Manufacturer part number	ATV930D45N4Z
Maximum Output Frequency	599 Hz
Motor Power (Heavy Duty)	37.0 kW
Network Number Of Phases	3 phases
Motor Power (Normal Duty)	45.0 kW
Nominal Switching Frequency	4 kHz
Apparent Power (Heavy Duty at 480V)	49.1 kVA
Apparent Power (Normal Duty at 480V)	57.4 kVA
Continuous Output Current (Heavy Duty)	74.5 A
Maximum Transient Current (Heavy Duty)	111.8 A during 60 s
Continuous Output Current (Normal Duty)	88 A
Maximum Transient Current (Normal Duty)	105.6 A during 60 s

MANUFACTURER DOCUMENTATION

No manufacturer document is linked because exact-SKU or compatible-family evidence has not been recorded.

Document status: This is an InduMarket product specification summary, not a manufacturer-issued datasheet. It is generated from the catalog record for the exact part number. Any linked manufacturer document passed the SKU-compatibility evidence gate. Confirm ratings, compatibility, certifications and any successor reference before ordering.