# ATV320U55N4WS

## Schneider Electric ATV320U55N4WS - Variable speed drive, Altivar Machine ATV320, 5.5 kW, 380...500 V, 3 phases, enclosed

**BRAND**
Schneider Electric

**PRODUCT FAMILY**
Altivar Machine ATV320

**SUPPLY BASIS**
RFQ / on request - no stock claim

**ORDER CODE / PRODUCT REFERENCE**
ATV320U55N4WS

**CATEGORY**
VFD

**RECORD IDENTITY**
Catalog identity matched

### PRODUCT DESCRIPTION

Altivar Machine ATV320 range is an offer of variable speed drives designed for Original Equipment Manufacturers (OEMs). This ATV320 drive can feed 3-phase synchronous and asynchronous motors. It works at a rated power up to 5.5kW, and a rated voltage from 380V to 500V. Altivar high IP offers washable drives for harsh environments, if users want to clean the dust and chemical pollution outside of drives. It is delivered without fan, with embedded EMC C2 filter and it provides IP65 protection. It integrates as standard Modbus and CANopen communication protocols with access via the RJ45 connector on the front of the drive. It weighs 22.7kg. The drive software includes 5 safety functions that help machines meet safety requirements. These safety functions are configured using SoMove software. This Altivar Machine ATV320 is designed for conveyors, carton packers, gantry cranes, woodworking, metal processing, fans, Food & Beverage industry. It conforms to IEC, UL, TUV, KC and other international standards. EcoStruxure Machine software compatibility enables developping, configuring and commissioning the entire machine in a single software environment, including logic, motion control, HMI and related network automation functions. It is delivered in 2 packages. ATV320 can be installed alone or side by side in a multi-drive configuration. The Altivar Machine ATV320 series focus on easy integration for simple and advanced machine requirements with proven motor control and connectivity. A

### RECORDED SPECIFICATIONS

| | |
|---|---|
| **Depth** | 300 mm |
| **Width** | 320 mm |
| **Height** | 521 mm |
| **EMC filter** | Class C2 |
| **Net Weight** | 22.7 kg |
| **Motor power** | 5.5 kW |
| **Safety functions** | STO, SS1 |
| **Network Frequency** | 50-60 Hz |
| **Switching frequency** | 2-16 kHz |
| **Rated supply voltage** | 380-500 V |

## ADDITIONAL SPECIFICATIONS

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|---|---|
| **Nominal output current** | 14.3 A |
| **IP degree of protection** | IP65 |
| **Manufacturer part number** | ATV320U55N4WS |
| **Maximum output frequency** | 0.599 kHz |
| **Rated input current (380V)** | 20.7 A |
| **Rated input current (500V)** | 14.5 A |
| **Nominal switching frequency** | 4 kHz |
| **Maximum Input Current per Phase** | 20.7 A |

## 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.