ATV650U30N4

Schneider Electric ATV650U30N4 - Altivar Process ATV650 Variable Speed Drive 3kW 380-480V IP55

BRAND
Schneider Electric

PRODUCT FAMILY
Altivar Process ATV600

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
ATV650U30N4

CATEGORY
VFD

RECORD IDENTITY
Catalog identity matched

PRODUCT DESCRIPTION

This Altivar Process ATV600 variable speed drive can feed 3-phase synchronous and asynchronous power motors. It features 3 built-in RJ45 communication ports as standard, 1 Ethernet port, 2 serial ports. It works at a rated supply voltage from 380V to 480V AC. This drive provides up to 30% energy saving when on standby due to the innovative ??Stop and Go??operation without additional costs. It is suitable for motors with power rating up to 3kW / 4hp for applications requiring slight overload (up to 120%). It is suitable for motors with power rating up to 2.2kW / 3hp for applications requiring significant overload (up to 150%). It weighs 10.6kg and its dimensions are, 264mm wide, 678mm high, 272mm deep. This drive is focused on fluids management processing and energy saving, it offers extensive flexibility in water and wastewater, mining, minerals and metals, oil and gas and food and beverage applications. Accessories (fan kit, graphic display terminal) and options (I/O expansion modules, communication modules, EMC input filters) are available with Altivar Process ATV600 drives, depending on the drive rating. It is designed to be mounted in vertical position (+/- 10 °) on a wall. This new concept of drives meets the major needs of process and utilities in terms of equipment efficiency and total cost of ownership by supporting the energy management, asset management and also the overall performance of the process. Schneider Electric ATV650U30N4 is the exact manufacturer referenc

RECORDED SPECIFICATIONS

IP Rating	IP55
Safety Function	STO (safe torque off) SIL 3
Number Of Phases	3 phases
Output Frequency	0.1?500 Hz
Rated Supply Voltage	380...480 V
Manufacturer part number	ATV650U30N4
Motor Power (Heavy Duty)	2.2 kW
Motor Power (Normal Duty)	3.0 kW
Nominal Switching Frequency	4 kHz
Continuous Output Current (Heavy Duty)	4 A at 4 kHz

ADDITIONAL SPECIFICATIONS

Continuous Output Current (Normal Duty)	7.2 A at 4 kHz

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.