

ATV630U30N4

Schneider Electric ATV630U30N4 - Altivar Process ATV600 ATV630 Variable Speed Drive 3 kW

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV630U30N4
PRODUCT FAMILY	CATEGORY
Altivar Process ATV600	Variable Frequency Drive
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	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 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 4.6kg and its dimensions are, 144mm wide, 350mm high, 203mm 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 ATV630U30N4 is the exact manufacturer reference for A

RECORDED SPECIFICATIONS

Phases	3
Cooling	Forced convection
Mounting	Wall mount
IP rating	IP21
UL rating	Type 1
Output voltage	<= supply voltage
Safety function	STO (SIL 3)
Motor power (HD)	2.2 kW
Motor power (ND)	3 kW
Output frequency	0.1-500 Hz

ADDITIONAL SPECIFICATIONS

Supply frequency	50-60 Hz
Apparent power (ND)	4.2 kVA at 480 V
Switching frequency	2-12 kHz
Prospective line Isc	50 kA
Rated supply voltage	380-480 V
Relay output R1 current	3000 mA
Manufacturer part number	ATV630U30N4
Continuous output current	7.2 A (ND)
Max transient current (ND)	7.9 A (60 s)
Relay output R2/R3 current	5000 mA
Nominal switching frequency	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.