ATV630U55Y6

Schneider Electric ATV630U55Y6 - Altivar Process ATV630 Variable Speed Drive 5.5kW / 7.5hp

BRAND
Schneider Electric

PRODUCT FAMILY
Altivar Process ATV600

SUPPLY BASIS
RFQ / on request - no stock claim

ORDER CODE / PRODUCT REFERENCE
ATV630U55Y6

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. This variable speed drive features an integrated EMC filter with 25m cable conforming to category C3. It works at a rated supply voltage from 500V to 690VAC. 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 5.5kW/7.5HP (500V supply voltage) for applications requiring slight overload (up to 120%). It is suitable for motors with power rating up to 4kW/5HP (500V supply voltage) for applications requiring significant overload (up to 150%). Its dimensions are 246mm (width) x 242mm (depth) x 420mm (height). It weighs 22kg. 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. This product is certified by CE, CSA and TUV. It meets UL 508C, EN/IEC 61800-3, EN/IEC 61800-5-1, IEC 61000-3-12, IEC 60721-3, IEC 61508 and IEC 13849-1 standards. Accessories (fan kit, graphic display terminal) and options (line chokes, dv/dt filter, sinus filter, EMC filter) 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

RECORDED SPECIFICATIONS

EMC filter	Integrated C3
Motor power	5.5 kW / 7.5 hp (Normal Duty at 690 V)
Cooling type	Forced convection
IP protection	IP00
Safety function	STO (safe torque off) SIL 3
Number of phases	3 phases
Output frequency	0.1?500 Hz
Supply frequency	50...60 Hz
Rated supply voltage	500...690 V
Nominal output current	7.2 A

ADDITIONAL SPECIFICATIONS

Communication protocols	Modbus serial, Modbus TCP, Ethernet
Manufacturer part number	ATV630U55Y6

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.