

ATV610U40N4

Schneider Electric ATV610U40N4 - Easy Altivar 610 Variable Speed Drive 4kW 5hp

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV610U40N4
PRODUCT FAMILY	CATEGORY
Easy Altivar 610	VFD
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Easy Altivar 610 drive is a frequency inverter for three-phase asynchronous motors. It works at a rated supply voltage from 380V to 415V AC. It is suitable for motors with power rating up to 4kW / 5hp for applications requiring slight overload (up to 120%). It is suitable for motors with power rating up to 3kW for applications requiring significant overload (up to 150%). It offers a plug & play solution, whereby parameters are preset in the factory to the desired configuration, to help save process control and operating time. It has integrated radio interference input filters in accordance with the EMC standard for variable speed electrical power drive products IEC/EN 61800-3, edition 2, category C3 in environment 1 or 2. It weighs 4kg and its dimensions are, 145mm wide, 297mm high, 203mm deep. this drive has been specially designed for standard applications in the market segments water and wastewater and oil and gas and in the domains process and machine management and building management. Schneider Electric ATV610U40N4 is the exact manufacturer reference for Easy Altivar 610 Variable Speed Drive 4kW 5hp in the Easy Altivar 610 family. Recorded technical characteristics include Depth: 203 mm; Width: 145 mm; Height: 297 mm; EMC Filter: Integrated C3; Net Weight: 4.045 kg; Cooling Type: Forced convection; Motor Power (hp): 5 hp (normal duty); Motor Power (kW): 4 kW (normal duty). For an RFQ, use the complete part number ATV610U40N4 so the required rating, configuration

RECORDED SPECIFICATIONS

Depth	203 mm
Width	145 mm
Height	297 mm
EMC Filter	Integrated C3
Net Weight	4.045 kg
Cooling Type	Forced convection
Motor Power (hp)	5 hp (normal duty)
Motor Power (kW)	4 kW (normal duty)
Output Frequency	0.0001?0.5 kHz
Supply Frequency	50...60 Hz

ADDITIONAL SPECIFICATIONS

Prospective Line Isc	5 kA
Rated Supply Voltage	380...460 V
Communication Protocol	Modbus serial
IP Degree Of Protection	IP20
Manufacturer part number	ATV610U40N4
Network Number Of Phases	3 phases
Continuous Output Current	9.3 A at 4 kHz (normal duty)
Line Current (heavy duty)	7.2 A at 380 V, 6.2 A at 460 V
Line Current (normal duty)	8.8 A at 380 V, 7.9 A at 460 V
Apparent Power (heavy duty)	4.9 kVA at 460 V
Nominal Switching Frequency	4 kHz
Apparent Power (normal duty)	6.3 kVA at 460 V

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.