

C63N4

Altivar 61 Variable Speed Drive ATV61HC63N4 for Pumping and Ventilation

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	C63N4
PRODUCT FAMILY	CATEGORY
Altivar 61	VFD
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This is a 4 poles basic frame for ComPacT NSX630N. ComPacT NSX is designed to optimize space and breaking capacity for all standard and specific applications. This basic frame comes without trip unit, and is compatible with any type of trip unit which has to be ordered separately The breaking capacity Icu is 50kA at 415VAC 50/60Hz. The operational voltage is 690VAC 50/60Hz (limited to 440VAC 50/60Hz if there is an earth-leakage protection). It can be equipped with a variety of optional functions and accessories. The dimensions are 185mm x 255mm x 110mm. It ensures compliance with international standards (IEC 60947), CCC, EAC and marine specifications. ComPacT NSX630N is part of Schneider Electric EcoStruxure Power architecture. Schneider Electric C63N4 is the exact manufacturer reference for Altivar 61 Variable Speed Drive ATV61HC63N4 for Pumping and Ventilation in the Altivar 61 family. Recorded technical characteristics include Phase: 3 phases; Braking torque: 30 % (without braking resistor), <= 125 % (with braking resistor); Motor power (hp): 800 hp (380-480 V), 900 hp (380-480 V); Motor power (kW): 560 kW (380-480 V), 630 kW (380-480 V); Output frequency: 0.1...500 Hz; Supply frequency: 50...60 Hz; Network frequency: 47.5...63 Hz; Switching frequency: 2...8 kHz adjustable. For an RFQ, use the complete part number C63N4 so the required rating, configuration and compatible accessories remain exact. Review the linked manufacturer data sheet against the supply system, load, e

RECORDED SPECIFICATIONS

Phase	3 phases
Braking torque	30 % (without braking resistor), <= 125 % (with braking resistor)
Motor power (hp)	800 hp (380-480 V), 900 hp (380-480 V)
Motor power (kW)	560 kW (380-480 V), 630 kW (380-480 V)
Output frequency	0.1...500 Hz
Supply frequency	50...60 Hz
Network frequency	47.5...63 Hz
Switching frequency	2...8 kHz adjustable
Prospective line Isc	50 kA
Rated supply voltage	380...480 V

ADDITIONAL SPECIFICATIONS

Transient overtorque	130 % of nominal motor torque for 60 s
Supply voltage limits	323...528 V
Manufacturer part number	C63N4
Continuous output current	1188 A (at 2.5 kHz, 380 V / 460 V)
Line current (max, 380 V)	1091 A (for 630 kW)
Line current (max, 480 V)	964 A (for 630 kW)
Maximum transient current	1425.6 A for 60 s
Apparent power (max, 380 V)	718 kVA (for 630 kW)
Nominal switching frequency	2.5 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.