

ATV212HU15N4

Schneider Electric ATV212HU15N4 - Variable speed drive ATV212 - 1.5kW - 2hp - 480V - 3ph - EMC - IP21

BRAND	ORDER CODE / PRODUCT REFERENCE
Schneider Electric	ATV212HU15N4
PRODUCT FAMILY	CATEGORY
Altivar 212	Variable Frequency Drive
SUPPLY BASIS	RECORD IDENTITY
RFQ / on request - no stock claim	Catalog identity matched

PRODUCT DESCRIPTION

This Altivar 212 variable speed drive can feed 3-phase asynchronous motors. Its protection index is IP21 and it has a built-in EMC filter. It works at a rated power up to 1.5kW / 2hp and a rated voltage from 380V to 480V AC. Its design is based on eco-energy with a reduction in energy consumption of up to 70% compared to a conventional control system. Thanks to its cable temperature rise reduction technology, the Altivar 212 drive offers immediate, disturbance-free operation avoiding additional options such as a line choke or DC choke to deal with current harmonics. It weighs 2kg and its dimensions are, 107mm wide, 143mm high, 150mm deep. It is specifically designed for the most common fluid management applications in tertiary sector buildings (HVAC) like heating, ventilation, air conditioning and pumping. It conforms to international standards IEC/EN 61800-5-1 and IEC/EN 61800-3 (immunity and conducted and radiated EMC emissions). It is also CE, UL, CSA, C-Tick and NOM certified. The Altivar 212 offers optional motor chokes which can increase the maximum cable lengths between the drive and the motor and limit disturbance at the motor terminals. It is designed to be mounted in vertical position (+/- 10 °) on a panel, thanks to 4 fixing holes. It can also be mounted directly on a 35 mm wide DIN rail, thanks to the kit VW3A31852, to order separately. The Altivar 212 drive can easily be adapted to all building management systems thanks to its numerous functions and communication

RECORDED SPECIFICATIONS

IP rating	IP21
EMC filter	Class C2 integrated
Motor power	1.5 kW (2 hp)
Analogue inputs	2
Discrete inputs	3 (programmable 24 V DC)
Analogue outputs	1
Supply frequency	50...60 Hz
Prospective line Isc	5 kA
Rated supply voltage	380...480 V
Line current (at 380V)	3.2 A

ADDITIONAL SPECIFICATIONS

Line current (at 480V)	2.5 A
Output frequency range	0.5?200 Hz
Apparent power (at 380V)	2.8 kVA
Discrete outputs (relay)	2
Manufacturer part number	ATV212HU15N4
Network number of phases	3 phases
Continuous output current	3.7 A
Maximum transient current	4 A for 60 s
Nominal switching frequency	12 kHz
Min. switching current (relay)	3 mA at 24 V DC
Acceleration/deceleration ramps	Adjustable linear (0.01-3200 s)
Max. switching current (inductive load)	2 A at 250 V AC / 30 V DC
Max. switching current (resistive load)	5 A at 250 V AC / 30 V DC

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.