

ATV312H055N4

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	atv312h055n4
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.03 kgs
Power	0.55
Cooling Capacity	0.55
Product Type	Drive
Voltage	380 - 500 V
Frequency	50 - 60 Hz
Signal Type	500
Signal Level	500 V
Relay Specifications	500 VAC

Description

The Schneider Electric ATV312H055N4 is a variable speed drive from the Altivar 312 series, designed to efficiently control asynchronous motors in simple machine applications. With a motor power of 0.55 kW (0.75 hp) and a supply voltage range of 380 to 500 V AC, it operates seamlessly within a 50 to 60 Hz frequency range. This three-phase drive offers a continuous output current of 1.9 A and supports a speed range from 1 to 50 Hz, making it suitable for various industrial applications. The ATV312H055N4 features an integrated EMC filter, ensuring compliance with electromagnetic compatibility standards. Its compact design, with dimensions of 143 mm in length, 107 mm in width, and 152 mm in depth, facilitates easy panel mounting. The drive is rated with an IP20 degree of protection, providing adequate safety for indoor installations. Additionally, it offers communication protocols such as Modbus and CANopen, enhancing its integration capabilities within industrial automation systems.