

ATV320U04M2C

Industrial automation components

Manufacturer	Schneider Electric
Catalog number	atv320u04m2c
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	200 - 240 V
Power	0.37
Horsepower	0.37
Cooling Capacity	0.37
Measurement Range	200 - 240
Product Type	Drive
Signal Level	240 V

Description

The Schneider Electric ATV320U04M2C is a compact variable speed drive from the Altivar Machine ATV320 series, designed for controlling asynchronous and synchronous motors in complex machinery applications. Operating on a single-phase supply voltage of 200 to 240 V AC, it delivers a continuous output current of 3.3 A at 4 kHz, suitable for heavy-duty operations up to 0.37 kW (0.5 hp). The drive features an integrated Class C2 EMC filter, ensuring compliance with electromagnetic compatibility standards. Its IP20 enclosure provides protection against solid objects larger than 12 mm, making it suitable for industrial environments. The ATV320U04M2C supports various communication protocols, including Modbus and CANopen, and offers multiple input and output options for flexible integration into control systems. Its fanless design allows for efficient operation without the need for additional cooling, and it can be mounted vertically on a panel, facilitating space-saving installations. This drive is ideal for applications requiring precise motor control and reliable performance in demanding conditions.