AUTOMATION TRADER

6SE6436-2UC32-2EA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se6436-2uc32-2ea0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Power Output	22 kW
Voltage Range	200-240 V AC
Frequency Range	47-63 Hz
Torque Characteristic	Constant Torque N·m
Dimensions	650 x 275 x 245 mm
Weight	116 kg
Protection Class	IP20
Ambient Temperature Range	-10°C to +50°C

Description

The Siemens 6SE6436-2UC32-2EA0 is a variable frequency drive (VFD) from the MICROMASTER 4 series, designed for controlling three-phase AC motors in industrial applications. This model offers a power output of 22 kW (30 hp) and operates within a voltage range of 200-240 V AC, accommodating a frequency range of 47-63 Hz.

It features a constant torque characteristic, making it suitable for applications requiring consistent torque across a wide speed range. The drive is housed in a compact enclosure measuring 650 x 275 x 245 mm (H x W x D) and has a weight of approximately 116 kg (255 lbs).

It is rated with an IP20 protection class, indicating protection against solid objects larger than 12 mm but not against water ingress. The operating ambient temperature range is from -10°C to +50°C.

This model does not include an Operator Panel (AOP) or Basic Operator Panel (BOP), which are available as separate accessories. The 6SE6436-2UC32-2EA0 is suitable for applications such as

conveyor systems, pumps, and fans, where precise motor control and energy efficiency are essential.

AUTOMATION TRADER

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