6SE6436-2UC27-5CA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se6436-2uc27-5ca0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Variable Frequency Drive
Motor Output	20 HP horsepower
Input Voltage	380-480 V AC volts
Output Current	35 A amperes
Dimensions	245 x 185 x 195 mm
Weight	5.7 kg kilograms
Ambient Temperature Range	-10 to +40°C
Protection Rating	IP20

Description

The Siemens 6SE6436-2UC27-5CA0 is a high-performance variable frequency drive (VFD) designed for HVAC applications, offering precise motor control and energy efficiency. This model is part of Siemens' MICROMASTER 6SE6436 series, known for their reliability and advanced features.

Key specifications include a 20 horsepower (15 kW) motor output, suitable for demanding HVAC systems. The drive operates with a three-phase input voltage of 380-480 V AC, accommodating a frequency range of 47-63 Hz.

It provides a continuous output current of 35 A, ensuring stable performance under varying load conditions. The compact design measures 245 x 185 x 195 mm (H x W x D) and weighs approximately 5.7 kg, facilitating easy integration into existing systems.

With an ambient temperature range of -10 to +40°C and an IP20 protection rating, the 6SE6436-2UC27-5CA0 is built to withstand diverse environmental conditions. This drive is ideal for

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applications requiring precise speed and torque control, such as air handling units, pumps, and other HVAC equipment.

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