6SE6436-2UE31-8DA0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6se6436-2ue31-8da0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Variable Frequency Drive
Product Family	MICROMASTER 430
Power Rating	18.5 kW
Voltage Range	380-480 V AC
Frequency Range	47-63 Hz
Enclosure Rating	IP20
Ambient Temperature Range	-10°C to +50°C

Description

The Siemens 6SE6436-2UE31-8DA0 is a variable frequency drive (VFD) from the MICROMASTER 430 series, designed for precise motor control in industrial applications. This model is engineered to handle a constant torque output of 18.5 kW, suitable for demanding processes requiring consistent performance.

Operating within a voltage range of 380-480 V AC and a frequency range of 47-63 Hz, it ensures compatibility with standard industrial power supplies. The drive is housed in an IP20-rated enclosure, providing protection against solid objects larger than 12 mm but not against water ingress, making it suitable for indoor environments.

The ambient temperature range for optimal operation is between -10°C and +50°C, accommodating various industrial settings. As part of the MICROMASTER 430 series, the 6SE6436-2UE31-8DA0 offers advanced features for motor control, including precise speed regulation and torque management, enhancing the efficiency and reliability of industrial machinery.

Its robust design and versatile specifications make it a valuable component for applications requiring reliable and efficient motor control solutions.

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