



6SE6440-2UD31-1CA1

Siemens MICROMASTER 440 Variable Frequency Drive

Product scope

- The exact order identity fixes input supply at 380-480 V AC three phase within the Siemens MICROMASTER 440 platform.
- The hardware path is defined by three-phase mains, motor output, control terminals and optional communication/operator modules.
- Its intended duty is conveyors, pumps, fans, material handling and general industrial motor control.
- a MICROMASTER 440 drive for 380-480 V three-phase supplies, rated 11 kW constant torque and 15 kW variable torque

Official source basis

<https://mall.industry.siemens.com/>

Technical facts are limited to the identified manufacturer documentation and the exact ordering configuration shown above.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Siemens 6SE6440-2UD31-1CA1	

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6SE6440-2UD31-1CA1 technical profile

Siemens 6SE6440-2UD31-1CA1 is the documented ac variable frequency drive in the Siemens MICROMASTER 440 family. Applied to its exact configuration, input supply is 380-480 V AC three phase, while constant-torque rating is 11 kW.

Its system contribution is to controls induction-motor speed and torque using parameterized converter functions and programmable I/O. That duty is performed through three-phase mains, motor output, control terminals and optional communication/operator modules inside conveyors, pumps, fans, material handling and general industrial motor control.

Engineering review must reconcile line voltage, motor data, load duty, frame size, braking needs, EMC components, option boards and parameter backup. Isolate and discharge the DC link before work; the replacement must be commissioned from verified motor and application data

Selection notice

Wait for the DC link of 6SE6440-2UD31-1CA1 to discharge, then commission the replacement from verified motor and load data.

Technical specifications

Input supply	380-480 V AC three phase
Constant-torque rating	11 kW
Variable-torque rating	15 kW
Converter family	MICROMASTER 440
Control method	Parameterised variable-frequency control
Motor type	Three-phase induction motor
Mechanical height	245 mm
Mechanical width	185 mm
Mechanical depth	195 mm
Net mass	5.5 kg
Duty selection	CT or VT application
Braking provision	Configuration dependent
EMC equipment	Installation dependent
Operator interface	Optional panel
Communication options	Fieldbus module dependent
Commissioning basis	Motor nameplate and load data
Stored energy	DC-link discharge required
Lifecycle state	Legacy drive family

Application and integration notes

Drive Performance	• The functional objective is to controls induction-motor speed and torque using parameterized converter functions and programmable I/O. • The official specification records input supply as 380-480 V AC three phase, defining one performance boundary of this configuration. • System results depend on retaining three-phase mains, motor output, control terminals and optional communication/operator modules and the host conditions used in conveyors, pumps, fans, material handling and general industrial motor control.
Fault Diagnostics	• In service, the assembly controls induction-motor speed and torque using parameterized converter functions and programmable I/O. • The documented variable-torque rating is 15 kW, providing a reference for post-installation checks. • Acceptance requires a functional test in conveyors, pumps, fans, material handling and general industrial motor control, not merely a clear hardware indication.
Commissioning	• This function is implemented within conveyors, pumps, fans, material handling and general industrial motor control through three-phase mains, motor output, control terminals and optional communication/operator modules. • The documented hardware role is to controls induction-motor speed and torque using parameterized converter functions and programmable I/O. • Selection and commissioning must confirm line voltage, motor data, load duty, frame size, braking needs, EMC components, option boards and parameter backup.

Request product documentation and quotation support

Send the complete label, system configuration, quantity and destination.



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