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Part Number/Keywords

Siemens 6SL32105BE175UV0



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Manufacturers

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SIEMENS (/siemens/)

AC Drive; VFD; 1 HP; 480VAC; 3 PHASE; SINAMICS V20

Manufacturer #: 6SL32105BE175UV0

Allied Stock #: 70281779

- 1 +

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Resources

Datasheet (https://assets.alliedelec.com/v1549537288/Datasheets/4eb7269b10fd983ec487da7efe885cec.pdf)

View More from Siemens >> (/siemens/)

Pricing (USD) & Availability

Standard Pricing

$339.53 (Each)

1	$339.53
3	$322.29

Availability

2 can ship immediately.

Request Lead Time (/cart/deliveryquote.aspx?PartNumber=70281779)

Minimum Quantity: 1

Multiples Of: 1

Product Specifications

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Product Attribute	Attribute Value
Ambient Temperature	0 to +40 °C
Current Rating	2.2 A
For Use With	3-Phase Motors
Function	Motor Control
Horsepower Rating	1 HP
Mounting Type	DIN Rail Mount
Output Frequency	0 to 599 Hz
Overall Depth	5.728" (145.5mm)
Overall Dimensions	5.728 x 6.535 x 3.543" (145.5 x 166 x 90mm)
Overall Length	6.535" (166mm)
Overall Width	3.543" (90mm)
Phase	Three-Phase
Power Rating	0.75 kW
Series	SINAMICS V20 Series (/motors-motor-controls/ac-drives/?a10=Siemens&n8479=SINAMICS V20 Series)
Special Features	Control Panel ; Integrated Braking Chopper, PID Controller
Standards	2006/95/EC, 98/68/EEC, C-Tick, CE, EN 61800-3, EN 61800-5-1, ISO 9001, UL508C

Supply Voltage	480 VAC
UPC Code	887621056193

Overview

SIEMENS SINAMICS V20 Series Basic Converter - The Versatile Converter for Basic Solutions:

Siemens is offering a simple and cost-effective drive solution with its compact **SINAMICS V20 Basic Performance** converter. SINAMICS V20 sets itself apart as a result of its quick commissioning times, ease of operation, robustness and cost-efficiency. With seven frame sizes, it covers a power range extending from 0.12 kW up to 30 kW.

With the frame sizes FSAA and FSAB for the single-phase 230V mains operation, the **SINAMICS V20 is Siemen's smallest converter** on the market so far. With a width of just 68 millimeters and a height of 142 millimeters, the corporation has substantially reduced the installation dimensions of the SINAMICS V20 for low powered motors. Optionally the devices are available with integrated radio interference filter, which allows compliance with disturbance limit according to IEC 61800-3 category C1 when installed according to EMC (electro magnetic compatibility) in the cabinet. Consequently the frame sizes FSAA and FSAB comply with the disturbance requirements of industrial applications as well as with applications in residential and business areas, e.g. for commercial use such as refrigerated counters, workout devices, ventilation systems, commercial washing machines, etc.

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SINAMICS V20 has a compact design, and can be individually adapted to the particular application or user requirements using various options (for example, an external BOP, connecting cable, filter, braking resistors, shielding). The compact devices are suitable for industrial applications, such as pumps, fans, compressors and conveyor systems. On the other hand, the compact converters can also be used in residential and business environments – for commercial applications, such as refrigerated counters, fitness equipment, ventilation systems and commercial washing machines.

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Features:

- Push-through and wall mounting – side-by-side possible for both
- USS and MODBUS RTU at terminals
- Integrated braking chopper from 7.5 kW to 30 kW (10 hp up to 40 hp)
- Parameter loading without power supply
- Integrated application and connection macros
- Keep Running Mode for uninterrupted operation
- Wide voltage range, advanced cooling design and coated PCBs increase robustness
- ECO mode for V/f, V^2/f / Hibernation mode
- Monitoring energy and water flows
- High overload and low overload mode for frame size FSE



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