6SL3220-2YE10-0AB0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3220-2ye10-0ab0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	6SL3220-2YE10-0AB0
Product Type	Variable Frequency Drive (VFD)
Moc znamionowa	0.75 kW
Input Voltage Range	380 to 480 V AC
Frame Size	FSA
Stopień ochrony	IP20
Ambient Temperature Range	-20 to +45 °C
Fieldbus Protocols	MODBUS RTU, BACnet MS/TP, USS

Description

The Siemens SINAMICS G120X 6SL3220-2YE10-0AB0 is a compact, high-performance variable frequency drive (VFD) designed for industrial applications requiring reliable motor control. With a rated power of 0.75 kW, it operates efficiently within a voltage range of 380 to 480 V AC, suitable for three-phase systems.

The drive features an integrated radio interference suppression filter for Category C2, ensuring compliance with electromagnetic compatibility standards. Its ambient operating temperature range spans from -20°C to +45°C, making it versatile for various industrial environments.

The device is housed in an FSA frame size with an IP20 degree of protection, providing durability and protection against dust and contact. Integrated fieldbus protocols include MODBUS RTU, BACnet MS/TP, and USS, facilitating seamless communication within automation systems.

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The drive is equipped with a basic operator panel for straightforward operation and lacks I/O expansion, aligning with applications where minimal I/O is sufficient. This model is ideal for infrastructure applications, offering reliable and efficient motor control solutions.

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