AUTOMATION TRADER

6SL3220-3YE20-0AF0

Industrial automation components

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Manufacturer	Siemens
Catalog number	6sl3220-3ye20-0af0
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Variable Frequency Drive (VFD)
Brand	Siemens
Part Number	6SL3220-3YE20-0AF0
Moc znamionowa	4 kW
Voltage Range	380 to 480 V AC
Frequency Range	47 to 63 Hz
RFI Suppression Filter	Category C2
Dimensions	100 mm (W) x 275 mm (H) x 218 mm (D)
Ambient Temperature Range	-20 to +45 °C

Description

The Siemens SINAMICS G120X 6SL3220-3YE20-0AF0 is a versatile and reliable variable frequency drive (VFD) designed for industrial automation applications. This model offers a rated power of 4 kW, suitable for controlling three-phase AC motors in various settings.

It operates within a voltage range of 380 to 480 V AC, accommodating fluctuations of +10% to -20%, and supports a frequency range of 47 to 63 Hz, ensuring adaptability to different power supply conditions.

The drive features an integrated RFI suppression filter for Category C2, enhancing electromagnetic compatibility and reducing interference. Its compact design, with dimensions of 100 mm in width, 275 mm in height, and 218 mm in depth, allows for efficient space utilization in control panels.

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The device is equipped with an Intelligent Operator Panel (IOP-2) for intuitive operation and monitoring, and it supports fieldbus communication protocols such as PROFINET and EtherNet/IP, facilitating seamless integration into modern industrial networks.

With an ambient temperature range of -20 to +45 °C, the SINAMICS G120X 6SL3220-3YE20-0AF0 is engineered to perform reliably in diverse environmental conditions, making it an excellent choice for demanding industrial applications.