

S120 inverter power components

What are the components of a sinamics S120 drive system?

Power Modules The stand alone version of a SINAMICS S120 drive system consists of a CU310 Control Unit and a Power Module. A mains rectifier, a voltage-source DC link and an inverter for supplying a motor are integrated in the Power Module.

What is a sinamics S120 manual?

Appendix A A SINAMICS S120 SINAMICS S120 Booksize Power Units Equipment Manual (GH2), 07/2007 6SL3097-2AC00-0BP5 Safety Guidelines This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property.

What is a S120 power module?

SINAMICS S120 Power Modules and line-side components Power Modules in chassis format Line reactors 2 ?Overview Line reactors limit the low-frequency harmonic effects and reduce the load on the rectifiers of the Power Modules. The higher the rated output of the Power Modules, the lower the required inductance of the line reactor.

What are the key elements of the S120 drive system?

Swift and automatic: The electronic rating plate An important digital linkage element of the SINAMICS S120 drive system are the electronic rating plates integrated in every component. They allow all drive components to be detected automatically via a DRIVE-CLiQ link.

SINAMICS S120 Active Line Modules and Active Interface Modules, as core components of the ready-to-connect inverter, are available in different power stages depending on the particular ...

The modular SINAMICS S120 frequency converter is the modular system for high-performance motion control applications in industrial plant and machinery construction.

This manual contains notices you have to observe in order to ensure your personal safety, as well as to prevent damage to property. The notices referring to your personal safety are ...

SINAMICS S120 features Line Modules (infeed modules) and Motor Modules (inverter modules) covering a wide power range which, having been designed for seamless integration, pave ...

All SINAMICS S120 components, including the motors and encoders, are interconnected by a shared serial interface called DRIVE-CLiQ. DRIVE-CLiQ forms the backplane for ...

The S120 Combi Power Modules are optimized as a drive for processing machines with 3 to 6 axes. Motor Modules in booksize and booksize compact formats are used as expansion axes.

Drive Technology Converters Low voltage converters High Performance Frequency Converter SINAMICS S120 built-in units Drive Technology Converters Low voltage converters High ...

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SINAMICS S120 features infeeds and inverters that cover a broad power range, are designed for seamless integration, and enable space-saving, multi-axis drive configurations.

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All SINAMICS S120 components, including the motors and en- coders, are interconnected by a shared serial interface called DRIVE-CLiQ. The standardized cables and connectors reduce the variety of ...

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