

Basic information about the drive system¹⁴. Appendix A. Introduction. 1. Fundamental safety instructions. instructions. 2. Infeed. 3. Extended setpoint channel. 4. Servo control. 5. Vector control. 6. U/f control ...

The duration of the gating signals in the individual inverter phases and the magnitude of the DC link voltage thus clearly determine the output voltage and therefore also the voltage at the connected motor.

o Only use power supplies that provide SELV (Safety Extra Low Voltage) or PELV- (Protective Extra Low Voltage) output voltages for all connections and terminals of the electronics modules.

In order to protect technical infrastructures, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art IT security ...

Depending on the hazard level, warnings are indicated in a descending order as follows: If more than one level of danger is simultaneously applicable, the warning notice for the highest level is used. A notice warning of ...

The inverter means that the energy source can always be kept at the optimum operating point, and using intelligent power electronics, the voltage and frequency fed into the grid can be controlled so that they remain ...

In order to minimize the motor losses that occur, HF Drive operates with an output filter (HF Sine Filter Module), which significantly reduces the pulse-frequency components of the inverter output voltage at the motor ...

When doing insulation tests using a Megger tester on the input/output cables or on the motor, remove all the connections from all the inverter terminals and perform the test only on the power circuit, according to the ...

o Before carrying out a voltage/insulation check of the system/machine, disconnect the devices as all converters and motors have been subject to a high voltage test by the manufacturer, and therefore it is not necessary to ...

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