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Title: C1 inverter output voltage

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What is a C1 inverter?

Generally C1 inverters are open AC voltage inverters with a single or three-phase mains connection and 3-phase motor connection. C1 inverters are designed to be installed in an enclosure. They provide the connected motor with an adjustable U/f ratio for a defined speed range.

Does the C1 have a power supply?

The C1 supports operation with an external 24VDC power supply, allowing parameter configuration without needing a power mains connection (e.g., 3-phase 400V). This feature simplifies installation and reduces setup time. The C1 features screw-less, spring-type terminals for control circuits, accommodating both solid and stranded wires with ferrules.

Are C1 inverters UL compliant?

Machine Translated by Google HITACHI WJ-C1 3.1 Compliance with UL standard This chapter summarizes the requirements for compliance with the UL standard. Generally C1 inverters are open AC voltage inverters with a single or three-phase mains connection and 3-phase motor connection. C1 inverters are designed to be installed in an enclosure.

What is a Hitachi C1 Series inverter?

The C1 Series, like all Hitachi inverters, adheres to the Eco-design guideline IEC61800-9-2. The C1 Series supports control for both induction motors (IM) and permanent magnet motors (PM) with a single inverter. Permanent magnet motors offer enhanced energy efficiency and optimal space utilization. Energy consumption is displayed in kWh.

WJ series C1 inverter is open type AC Inverter with three/single phase input and three phase output. It is intended to o For earthing, selection of cable, ...

When one of the various protective functions is triggered, the output voltage is switched off - the motor runs

freely and the device remains in the fault status until the fault message is ...

Our new industrial inverters of the WJ Series, Type C1, are easily configurable, very efficient and fully compatible to the older series. They are designed to deliver unprecedented results, ...

*1) The output frequency range depends on the control mode and the motor used. Consult the motor manufacturer for the maximum allowable frequency of the motor when operating beyond ...

Parameters can be set prior to installation by 24VDC control power supply. In addition to the normal power supply, WJ-C1 can be operated by supplying an external 24VDC. Parameter ...

The C1 supports operation with an external 24VDC power supply, allowing parameter configuration without needing a power mains connection (e.g., 3-phase 400V). This feature ...

C1-L series, C1-001LF to C1-037LF models. [Non-semiconductor Fuses] Suitable for use on a circuit capable of delivering not more than 5,000 rms symmetrical amperes, 240 V maximum.

C1-H series, C1-110HF and C1-150HF models. [Non-semiconductor Fuses] Suitable for use on a circuit capable of delivering not more than 5,000 rms symmetrical amperes, 480 V maximum.

Be sure to read the corresponding explanation thoroughly before installing, wiring, operating, maintaining, inspecting or using the inverter. Many of the drawings in the Guide show the ...

WJ series C1 inverter is open type AC Inverter with three/single phase input and three phase output. It is intended to o For earthing, selection of cable, and any other conditions for EMC

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