

FANUC VFAS3-4110KPC Manual

Brand	FANUC
Product Series	FANUC
Product Type	High-performance

Description

VFAS3-4110KPC

Toshiba AS3 series AC high-performance drive, open frame, 460 VAC, 150hp with 3-phase input, V/Hz, FOC, encoder or torque mode, A6 frame, Ethernet and RS-485, external dynamic braking unit required. Optional EtherCAT, encoder and I/O cards available.

Product Attribute Table

To search for items with similar technical attributes, check the box in front of those attributes for which you would like to see similar items. Then click the button below. Technical Attributes

Brand Toshiba
 Item Drive
 Controller Type High-performance
 Series AS3
 Voltage Type AC
 Nominal Drive Input Voltage 460 VAC
 Nominal Drive Output Voltage 460 VAC
 Number of Input Phases 3
 Number of Output Phases 3
 Horsepower By Input Phase 150hp with 3-phase input
 Amperage Rating 211A
 Variable Torque Amperage Rating 250A
 Control Mode V/Hz, FOC, encoder or torque
 Integrated EMI Filter Yes
 Safe Torque Off (STO) Yes
 Temperature Rating -15 to 50 deg C
 Enclosure Type Open frame
 IP Rating IP00
 Mounting Panel or wall
 Frame Size A6
 Dynamic Braking External dynamic braking unit required
 Communication Port and Connection Type(s)
 (2) Ethernet (RJ45)
 (1) RS-485 (RJ45)
 Port Protocol(s)
 EtherNet/IP
 webserver (non-secure HTTP)
 Modbus RTU Slave
 Modbus TCP
 Port Speed(s)
 10/100 Mbps
 up to 38.4k baud

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Input Signal 4-20 mA, voltage, potentiometer or pulse train input
Output Type PWM output
Reverse Capability Built-in
Internally Bypassed No
Carrier Frequency Range 1-8 kHz
Output Frequency Range 0.1-590 Hz
Number of Analog Input Channels 3
Number Of Input Channels 3
Analog Input Signal Type Current/voltage
Number of Non-Isolated Analog Input Commons 1
Number of Points per Analog Input Common 3
Input Resolution 11-bit
Input Current Signal Range 0-20 mA and 4-20 mA
Input Voltage Signal Range +/- 10 VDC
Number of Analog Output Channels 2
Number Of Output Channels 2
Analog Output Signal Type Current/voltage
Number of Non-Isolated Analog Output Commons 1
Number of Points per Analog Output Common 2
Output Resolution 10-bit
Output Current Signal Range 0-20 mA and 4-20 mA
Output Voltage Signal Range 0-10 VDC
Number of Discrete Input Points 8
Nominal Discrete Input Voltage 24 VDC
Discrete Input Type Sinking/sourcing
Number of Non-Isolated Discrete Input Commons 2
Number of Points per Discrete Input Common 4
Number of Discrete Output Points 3
Nominal Discrete Output Voltage 250 VAC and 30 VDC
Discrete Output Type Relay
Relay Configuration (1) Form C (SPDT) relay, (2) Form A (SPST) relays
Number of Isolated Discrete Output Commons 3
Number of Points per Discrete Output Common 1
Load Current 2A/point relay
Fuse Type User-supplied external fuse
Programming Language User sequence
Connector Type Screw terminals
For Use With 3-phase induction and permanent magnet AC motors
Includes DC reactor (built-in) and EMC filter (built-in)
Additional Information Optional EtherCAT, encoder and I/O cards available.
Dangerous Goods
Battery Installed: Yes
Packaging Instructions: 970
UN Number: UN3091
Hazard Type: Lithium Batteries
Battery Type: Button
Lithium Content: 0.06
Replacement Battery: D0-MC-BAT
Generic Battery: CR2032