01 / Product and system dashboard

FANUC

A20B-3300-0281/04B

Display Control Card

Product role

FANUC A20B-3300-0281/04B is offered as a display control card based on the A20B-3300-0281 design for an 8.4-inch color LCD in a matching CNC assembly.

CNC basic unit
Match complete drawing

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Display-control card
A20B-3300-0281 base design

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Display assembly
8.4-inch color LCD context

Engineering scope

The offered identity is A20B-3300-0281/04B. The A20B-3300-0281 base design is the 8.4-inch color LCD display-control card in the applicable 0i-C hardware arrangement. Match /04B, the CNC basic-unit drawing number and installed hardware individually; base-design information is not a revision-specific interchangeability declaration.

02 / Technical capability and hardware relationships

Identification or function	Base-design relationship
Offered assembly marking	A20B-3300-0281/04B
Base drawing number	A20B-3300-0281
Base-design function	Display control card
Base-design display	8.4-inch color LCD
Hardware context	Applicable Series 0i-C / 0i Mate-C basic-unit arrangement
Display-control elements	Display CPU, control circuit and display memory
CNC CPU relationship	Separate CPU card in the applicable arrangement
Axis-control relationship	Separate axis-control card in the applicable arrangement

Keep component roles separate

The CNC CPU card, axis-control card and FROM/SRAM module are separate parts of the applicable architecture. Their memory capacities, axis counts and system supply values are not ratings for the offered /04B display card.

03 / Applications and engineering integration

CNC display-control maintenance

Review the A20B-3300-0281 base-design role in an 8.4-inch color LCD arrangement. Match the full A20B-3300-0281/04B marking and installed display assembly before selecting the offered card.

Hardware identification

Record the CNC basic-unit drawing and separate display, CPU and axis-control positions. This prevents system CPU memory or axis-control specifications from being assigned to the display card.

Display-system fault isolation

Review display-card seating and the associated display and inverter assembly as separate parts of the installed system. A display symptom alone does not identify which component needs replacement.

Controlled CNC restoration

Preserve the CNC settings and machine-builder configuration before intervention. After approved replacement, verify display operation and controlled machine behavior before returning the system to production.

Configuration context

In this hardware arrangement, the display-control card contains a display-control CPU, display-control circuit and display-control memory. The CNC CPU card and axis-control card occupy separate functional positions, while the FROM/SRAM module provides control-software storage and battery-backed SRAM. CNC CPU DRAM sizes and axis counts therefore describe other components and must not be assigned as specifications of the offered display card.

04 / Service and installation decisions

Complete board marking

Keep A20B-3300-0281/04B intact. A base drawing number does not establish revision-specific electrical ratings or interchangeability with another suffix.

Basic-unit applicability

Match the CNC basic-unit drawing number to the applicable hardware arrangement. Do not select a board only from the broad 0i-C family name.

Display-size pairing

The A20B-3300-0281 base design serves an 8.4-inch color LCD. Do not substitute the different 10.4-inch or 7.2-inch display-card arrangement on that basis alone.

Isolation before replacement

Qualified personnel must isolate the CNC and main cabinet supplies and follow the machine-specific verification procedure. Turning off only the CNC can leave other sections energized.

Settings and retained data

Preserve the machine settings and a suitable backup before intervention. Battery-backed SRAM belongs to the CNC memory arrangement; display-card replacement is not a license to change unrelated parameters.

Controlled restart

Restore the approved configuration and verify correct display and machine response under the machine-builder test procedure. Do not proceed directly to automatic production after changing settings.

05 / Reference basis and related portfolio

Lifecycle and supply

A current manufacturer lifecycle phase for A20B-3300-0281/04B has not been confirmed. Request current support and replacement guidance using its complete identity and installed configuration. Apter Power availability is confirmed separately in the quotation.

Reference basis

FANUC Series 0i-MODEL C and 0i Mate-MODEL C Maintenance Manual, B-64115EN/02.

Apter Power technical summary; not a manufacturer-issued manual. Apply the original instructions for the actual installation.

Related industrial automation products

Navigation only; no substitution or compatibility claim.

SEW MDX61B0110-5A3-4-00

Opto 22 SNAP-AIV-8

PEACOCK COM-5 V2

Discuss your installed configuration

Send the full unit marking and connection details.

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