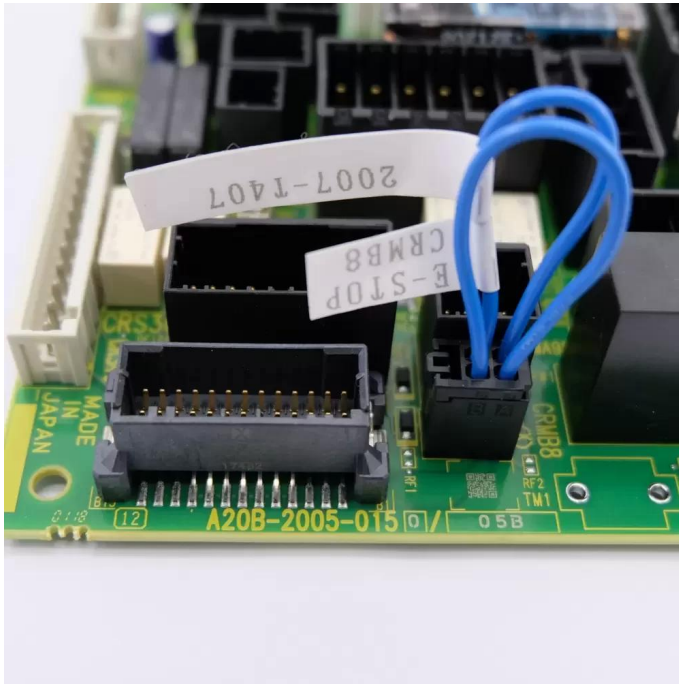


A20B-2005-0150 Fanuc 24VDC/5VDC E-Stop Control Circuit Board Datasheet



Brand: Fanuc

SKU: [1025330610362](#)

Category: CNC, Robotics & PLC Boards

Price: **\$899.00**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/a20b-2005-0150-fanuc-24vdc-5vdc-e-stop-control-circuit-board>

Product Description

Fanuc A20B-2005-0150 150 mm x 150 mm 24 VDC 5 VDC Emergency Stop Board is a safety-critical control component featuring a high-density PCB architecture with integrated brake control mechanisms and dual 40-pin CRMA interface connectors. The unit incorporates dedicated test points for monitoring 24 VDC, 5 VDC, and 33 VDC power rails, ensuring precise voltage regulation for logic processing. The board is constructed with 94V-0 fire-retardant materials and utilizes a flange-mount configuration for secure installation within compact controller housings. It provides hardware-level signal processing for emergency stop circuits and peripheral device communication.

A20B-2005-0150 Specifications

Model: A20B-2005-0150

Brand: Fanuc

Product Category: Emergency Stop Board

Logic Voltage: 5 VDC

Supply Voltage: 24 VDC

Auxiliary Voltage: 33 VDC

Interface Type: CRMA15 / CRMA16 (40-pin)

Material Flammability: UL 94V-0

Mounting Type: Flange Mount / Mini Slot

Weight: 0.23 kg

Operating Temperature: 0 to 55 °C

Storage Temperature: -20 to 75 °C

Humidity: 10 to 90 % RH

Safety Mechanism: Integrated Brake (BRK) Control

Compatibility: Fanuc R-30iB Mate / R-30iB Mate Plus

Test Points: P24V, P5V, P33V, GND

A20B-2005-0150 Applications

Primary applications include integration into Fanuc R-30iB Mate and R-30iB Mate Plus robot controllers to manage emergency stop sequences and safety-interlock signals. Deployed within automated assembly lines, robotic welding cells, and material handling systems requiring hardware-level brake control and peripheral device interface management.

Supplemental Images

