

ABB ROBOTS

Product Data Sheet

3HNA003882-001/02

robot vcdi-02 pc board

FUNCTION robot vcdi-02 pc board	FAMILY ABB Robots	ORIGIN Sweden	WEIGHT 0.20 kg
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ABB Robots 3HNA003882-001/02 is a robot vcdi-02 pc board for the ABB Robots. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Input Voltage Range	110V – 240V AC
Output Current	Up to 10A
Electrical Rating	Up to 50A
Operating Voltage	Up to 690V AC / 415V DC
Operating Temperature Range	-20°C to +60°C
Extended Temperature Range	-25°C to +60°C
Exact Article Code	3HNA003882-001/02
Product Family	ABB Robots
Component Type	Robot Vcdi-02 Pc Board
Assembly Class	ABB PCB assembly

System Interface	ABB Robots control interface
Control Supply	Documented rack control supply
Connector Interface	Keyed ABB board connectors
Installation Format	Plug-in control board
Signal Domain	Control and diagnostic signals

- Maintain powertrain assembly with Robot Vcdi process control: Within the machining cells and pallet systems, 3HNA003882-001/02 serves its documented function as a robot vcdi-02 pc board. During quality-hold release, the system uses this function to hand off part identity with the machine sequence, helping it retain traceability at the next operation.
- Track test-stand control with Robot Vcdi process control: Inside the load actuators and measurement channels, 3HNA003882-001/02 performs its assigned control role as a robot vcdi-02 pc board. During test-point transition, the system uses this function to move the test article through commanded operating points, helping it capture comparable results at each condition.
- Maintain filtration backwash with Robot Vcdi process control: Within the filter cells and backwash valves, 3HNA003882-001/02 provides its specified system function as a robot vcdi-02 pc board. During filter loading, the system uses this function to sequence isolation, drain and rinse paths, helping it return the filter to production in a known state.

Match 3HNA003882-001/02 to the installed ABB Robots, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[ABB ABB Robots documentation](#)

<https://new.abb.com/control-systems>

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