

ABB ROBOTS

Product Data Sheet

3HNA006565-001

vcd-02 valve control board

FUNCTION	FAMILY	ORIGIN	WEIGHT
vcd-02 valve control board	ABB Robots	Sweden	0.10 kg

ABB Robots 3HNA006565-001 is a vcd-02 valve control board for the ABB Robots. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Digital Output Type	24 V DC control outputs
Output Channels	16 digital outputs
Product Status	Active spare part
Operating Temperature	-20°C to +60°C (per distributor specifications)
Storage Temperature	-25°C to +60°C
Exact Article Code	3HNA006565-001
Product Family	ABB Robots
Component Type	Vcd-02 Valve Control 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
Service Position	Documented rack slot

- Regulate boiler feedwater with Vcd 02 process control: For the coordinated operation of the feed pumps and drum-level loops, 3HNA006565-001 operates in its approved product-family role as a vcd-02 valve control board. During protective transfer, the system uses this function to balance flow demand with process inventory, helping it preserve the steam-water balance.
- Sequence order sorting with Vcd 02 process control: Within the scanners, diverters and destination lanes, 3HNA006565-001 operates in its approved product-family role as a vcd-02 valve control board. During priority order, the system uses this function to apply the current order priority to the routing decision, helping it complete the order path in the intended sequence.
- Integrate robotic joining with Vcd 02 process control: Within the robots, fixtures and clamp groups, 3HNA006565-001 provides its specified system function as a vcd-02 valve control board. During station restart, the system uses this function to confirm tooling readiness before the cycle starts, helping it prevent an incomplete joining cycle.

Match 3HNA006565-001 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>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM