3HNA007719-001

Industrial automation components

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Manufacturer	Siemens
Catalog number	3hna007719-001
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Operating Voltage	24V DC
Communication Protocols	RS-232, RS-485
Operating Temperature Range	-20°C to +50°C
Dimensions	100mm x 60mm x 10mm
Weight	50g

Description

The ABB 3HNA007719-001 Robot Manipulator Interface Board is a specialized component engineered for seamless integration within industrial robotic systems, ensuring enhanced control and operational efficiency.

Designed to facilitate precise communication between robotic manipulators and control systems, this interface board is pivotal in optimizing robotic performance in various industrial applications. Key features include dual communication protocols—RS-232 and RS-485—enabling versatile connectivity options.

It operates on a 24V DC power supply, consuming approximately 50mA, which contributes to its energy-efficient design. The board is constructed to withstand a wide temperature range, from -20°C to +50°C, making it suitable for diverse industrial environments.

Its compact dimensions of 100mm x 60mm x 10mm and lightweight design (approximately 50g) allow for easy integration into existing robotic setups without occupying significant space. The ABB 3HNA007719-001 interface board is CE, UL, and RoHS compliant, adhering to international safety and environmental standards.

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This compliance ensures that the product meets stringent quality and safety requirements, making it a reliable choice for industrial automation applications.

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