

3HAC3619-1

Industrial automation components

Manufacturer	Abb
Catalog number	3hac3619-1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.14 kgs kg
Product Type	Axis PC Circuit Board
Product Family	DSQC503
Compatible Models	IRB 6400
Power Supply	24V DC V
Current Consumption	1.5A
Cooling Method	Heat Sink
Protection Class	IP20
Operating Temperature Range	-10°C to 60°C
Interchangeable With	3HAC18159-1

Description

The ABB 3HAC3619-1, also known as DSQC503, is an Axis PC circuit board designed for ABB industrial robots, particularly the IRB 6400 model. This component is integral to the robot's control system, facilitating precise motion and operation. It operates on a 24V DC power supply with a current consumption of 1.5A, ensuring efficient performance. The board employs a heat sink cooling method to maintain optimal operating temperatures. It adheres to safety standards including CE, UL, and CSA, and has an IP20 protection class, indicating protection against solid objects larger than 12.5 mm. The operating temperature range is between -10°C and 60°C, suitable for various industrial environments. The 3HAC3619-1 is interchangeable with the 3HAC18159-1 model and compatible with replacement parts 6369901-506 and 6369901-608, offering flexibility in maintenance and repairs. This component is sourced from Sweden, reflecting ABB's commitment to quality and precision in industrial automation.