

3HAA3563-AGA/1

Industrial automation components

Manufacturer	Abb
Catalog number	3haa3563-aga1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	1.13 kgs kg
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Product Type	Robotic Control Board
Product Family	DSQC Series
Product Type	Robotic Control Board
Phase Error Indication	Yes
Fault Detection Alarm	Yes
Bridge Temperature Detection	Yes

Description

The ABB 3HAA3563-AGA/1 is a robotic control board, also known as the DSQC 249A rectifier, designed for use in ABB industrial robots. This component is integral to the robot's power supply system, converting AC to DC to ensure stable operation. It features a three-phase, six-pulse diode bridge, a reservoir capacitor, a shunt regulator, and control electronics. The control electronics are powered by the supply unit, and when mains power is connected, the shunt transistor opens, allowing the reservoir capacitor to charge. This design ensures efficient power conversion and reliable robot performance. The DSQC 249A rectifier is compatible with various ABB robot models and is essential for maintaining optimal power supply and performance. For detailed specifications and compatibility information, refer to the manufacturer's datasheet.