

## 3HAB6182-1

Industrial automation components

<b>Manufacturer</b>	Abb
<b>Catalog number</b>	3hab6182-1
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.36 kgs
<b>Product Type</b>	Robot Computer Board
<b>Operating Voltage</b>	24V DC
<b>Digital Inputs</b>	16
<b>Digital Outputs</b>	16
<b>Communication Protocols</b>	DeviceNet, EtherCAT
<b>Operating Temperature Range</b>	-20°C to +60°C
<b>Dimensions</b>	100mm x 100mm x 35mm

### Description

The ABB 3HAB6182-1 is a high-performance robot computer board designed for advanced control systems in industrial automation environments. As part of the DSQC335 series, this module offers seamless integration and precise control over robotic systems and complex machinery. It operates with a 24V DC supply and features 16 digital inputs and 16 digital outputs, facilitating efficient data processing and control. The board supports communication protocols such as DeviceNet and EtherCAT, ensuring compatibility with various industrial networks. With an operating temperature range of -20°C to +60°C, it is suitable for diverse industrial settings. The compact design measures 100mm x 100mm x 35mm, allowing for flexible installation in space-constrained areas. The 3HAB6182-1 is engineered to deliver unparalleled performance and reliability in complex industrial environments, enhancing operational efficiency in manufacturing processes.