

## 3HAC026840-001

Industrial automation components

<b>Manufacturer</b>	Abb
<b>Catalog number</b>	3hac026840-001
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Product Type</b>	Profibus Communication Module
<b>Communication Protocol</b>	Profibus-DP (IEC 61158)
<b>Data Transfer Rate</b>	Up to 12 Mbit/s
<b>Supply Voltage</b>	24 V DC
<b>Mounting</b>	Backplane-mounted within IRC5 control cabinet
<b>Connector Type</b>	9-pin D-SUB
<b>Operating Temperature Range</b>	0°C to +55°C
<b>Compatible Controllers</b>	ABB IRC5 M2004 and Design 2006 series

### Description

The ABB 3HAC026840-001, also known as the DSQC 667, is a Profibus communication module designed for integration with ABB's IRC5 robot controller. This module facilitates high-speed communication between the robot controller and PLCs or other industrial devices, enabling real-time data exchange within automation networks. It is compatible with ABB's IRC5 controller series, including models M2004 and Design 2006. The DSQC 667 is a plug-in module that supports Profibus-DP (IEC 61158) protocol, offering data transfer rates up to 12 Mbit/s. It operates on a 24 V DC supply, typically sourced from the backplane, and is mounted within the IRC5 control cabinet. The module features a 9-pin D-SUB connector, ensuring seamless integration with compatible devices. Designed for reliability, the DSQC 667 operates within a temperature range of 0°C to +55°C, making it suitable for various industrial environments. Its compact dimensions and lightweight design facilitate easy installation and maintenance.