

## 1747-ASB

Industrial automation components

<b>Manufacturer</b>	Allen-Bradley
<b>Catalog number</b>	1747-asb
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.20 kgs
<b>Component Specifications</b>	slc500
<b>Product Type</b>	Module
<b>Dimensions</b>	5.72 x 1.37 x 5.15 inches
<b>Weight</b>	0.37 pounds
<b>Supply Voltage</b>	5 V DC
<b>Current Requirement</b>	375 mA
<b>Operating Temperature Range</b>	0-60 °C

### Description

The Allen-Bradley 1747-ASB is a Remote I/O Adapter Module designed for the SLC 500 system, facilitating communication between SLC or PLC scanners and various 1746 I/O modules via Remote I/O. This module serves as a bridge, linking one master device (SLC or PLC scanner) with one or more slave adapter devices, supporting discrete and block transfer I/O mapping, including ½-slot, 1-slot, and 2-slot addressing for efficient image utilization. It occupies the first slot (slot 0) of a 1746 remote chassis, where the SLC processor normally resides, and acts as a gateway between the scanner and the I/O modules residing in the remote chassis and remote expansion chassis. The 1747-ASB module maps the image of the I/O modules in its remote chassis and remote expansion chassis directly to the SLC or PLC processor image. The module supports data transfer rates of 57.6, 115, or 230 kilobits per second, providing flexibility for various industrial applications. It requires a backplane current of 375 mA at 5 V DC and utilizes a 6-Pin Phoenix Connector for connectivity. Designed for industrial environments, the 1747-ASB meets NEMA standard noise immunity requirements, ensuring reliable operation in demanding conditions.