

## 6ES7142-1BD40-0XB0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6es7142-1bd40-0xb0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Legacy / discontinued

### Technical specification

<b>Weight</b>	0.29 kgs
<b>Voltage</b>	24 V
<b>Product Type</b>	Module
<b>Signal Type</b>	24
<b>I/O Configuration</b>	200
<b>Current</b>	2 A
<b>Component Specifications</b>	em142
<b>Signal Level</b>	24 V

### Description

The Siemens 6ES7142-1BD40-0XB0 is an expansion module designed for integration with the SIMATIC ET 200X system. This EM142 module provides four digital outputs (4DO) at DC 24V with a maximum current of 2A per channel, ensuring robust performance in demanding industrial environments. It features IP66/67 protection, making it suitable for use in harsh conditions. The module offers diagnostic capabilities via channels for all basic modules, enhancing system reliability and maintenance efficiency. Manufactured in Germany, this module exemplifies Siemens' commitment to quality and durability. Despite its end-of-life status as of October 1, 2019, the 6ES7142-1BD40-0XB0 remains a valuable component in legacy systems, where functionality and performance are critical. Repair services are available to extend its usability, providing a cost-effective solution for maintaining operational consistency without the need for immediate upgrades or full replacements.