

6ES7142-1BD22-0XB0

Industrial automation components

Manufacturer	Siemens
Catalog number	6es7142-1bd22-0xb0
Category	Industrial automation components
Product type	Industrial automation components
Status	Legacy / discontinued

Technical specification

Weight	0.24 kgs
Product Type	Module
I/O Configuration	200
Signal Level	24 V
Voltage	DC
Current	2 A
Relay Specifications	2 A

Description

The Siemens 6ES7142-1BD22-0XB0 is a robust SIMATIC DP Basic Module BM 142 designed for the ET 200X series, offering reliable digital output capabilities in industrial automation settings. This module features four digital outputs, each capable of handling 24 V DC at 2 A, making it suitable for controlling devices such as solenoid valves, DC contactors, and signal lamps. The module is equipped with a 5-pin M12 connector, ensuring secure and efficient connections. Its IP66/67 protection rating provides high resistance to dust and water ingress, making it ideal for demanding environments. The integrated PROFIBUS DP interface supports data communication speeds up to 12 Mbit/s, facilitating seamless integration into existing automation systems. Additionally, the module includes internal supply voltage connections, streamlining the setup process. Please note that this product was discontinued by Siemens on October 1, 2019. However, repair services are available, offering a cost-effective solution to extend the module's operational life.