

6ES7141-3BH00-0XA0

Industrial automation components

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| Manufacturer | Siemens |
| Catalog number | 6es7141-3bh00-0xa0 |
| Category | Industrial automation components |
| Product type | Industrial automation components |
| Status | Active product |

Technical specification

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| Weight | 0.04 kgs |
| Voltage | 24 V |
| Product Type | Module |
| I/O Channels | 8 channels |
| Signal Type | 24 |
| I/O Configuration | 8 |
| Signal Level | 24 V |

Description

The Siemens 6ES7141-3BH00-0XA0 is a SIMATIC DP Basic Module BM 141 within the ET 200ECO series, designed for industrial automation applications requiring reliable and flexible digital input/output solutions. This module features 16 digital inputs and 8 digital outputs, all operating at 24 V DC, facilitating seamless integration into various automation systems. The device is equipped with eight M12 connectors, ensuring secure and versatile connections in diverse industrial environments. Engineered for duplicate assignment, it supports efficient signal distribution, enhancing system reliability. With a robust IP65/67 degree of protection, the module is highly resistant to dust and water, making it suitable for challenging industrial settings. The connection block (6ES7194-3AA00-0.A0) is sold separately, providing flexibility in system configuration. Key technical specifications include a rated supply voltage of 24 V DC, reverse polarity protection, and electronic short-circuit protection for outputs. The module supports PROFIBUS DP communication with a maximum transmission rate of 12 Mbit/s, ensuring high-speed data exchange. Its compact dimensions (60 x 28 x 210 mm) and lightweight design (approximately 210 g) facilitate easy installation and integration into existing systems. This module is ideal for applications requiring robust and flexible digital I/O solutions in industrial automation.