CM572-DP

Industrial automation components

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Manufacturer	Abb
Catalog number	cm572-dp
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Manufacturer	ABB
Part Number	CM572-DP
Supported Protocols	PROFIBUS DP V0, V1
Connector Type	D-Sub 9-pin
Operating Temperature Range	0°C to 60°C
Dimensions	62 mm x 135 mm x 28 mm
Weight	0.12 kg
Power Consumption	1.8 W typical
Supply Voltage	24 VDC ±10%
Protection Class	IP20
Data Transfer Rate	9.6 kbps to 12 Mbps

Description

The ABB CM572-DP is a high-performance communication module designed for seamless integration into industrial automation systems, particularly within the AC500 PLC series. This module facilitates efficient data exchange and control between devices on a PROFIBUS DP network, making it an essential component for modern industrial applications. Key features include support for PROFIBUS DP V0 and V1 protocols, a D-Sub 9-pin connector for easy integration, and a wide operating temperature range of 0°C to 60°C, ensuring reliable performance in diverse environments. The module's compact dimensions (62 mm x 135 mm x 28 mm) and lightweight design (0.12 kg) allow for straightforward installation and minimal space usage. With a power consumption of 1.8 W typical and a supply voltage of 24 VDC ±10%,

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the CM572-DP offers energy-efficient operation. Its IP20 protection class provides a degree of protection against dust and indirect contact, enhancing durability in industrial settings. The module supports data transfer rates from 9.6 kbps up to 12 Mbps, accommodating various communication needs within automation systems. Additionally, it features diagnostic LEDs for real-time status monitoring, facilitating quick identification and resolution of issues. The ABB CM572-DP is an ideal solution for applications requiring robust and efficient communication within industrial automation networks.