SPW420-6DD1842-0AA1

Industrial automation components

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Manufacturer	Siemens
Catalog number	spw420-6dd1842-0aa1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Axial Winder Module
Product Family	SIMADYN D T400
Communication Protocols	PROFIBUS-DP, USS, Peer-to-Peer
Processing Capability	High-speed real-time closed-loop control, multi-axis coordination
Dimensions	10.5 in x 5.8 in x 1.0 in inches
Weight	1 lbs 0.0 oz

Description

The Siemens 6DD1842-0AA1, also known as the SPW420, is a specialized axial winder module designed for the SIMADYN D T400 technology platform. This module serves as a critical component in industrial automation systems, particularly in applications requiring precise winding control such as in steel mills, paper machines, and other manufacturing processes.

The SPW420 integrates seamlessly with the SIMADYN D system, offering advanced features like real-time closed-loop control and multi-axis coordination. It communicates via protocols such as PROFIBUS-DP, USS, and peer-to-peer links, ensuring robust and flexible integration within complex automation architectures.

The module is engineered for high-speed processing, capable of handling multiple axes simultaneously with microsecond-level precision. Its design emphasizes reliability and efficiency, making it a preferred choice for demanding industrial environments.

For detailed specifications and integration guidelines, refer to the official Siemens documentation.

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