AX5118-0000-0200

Industrial automation components

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Manufacturer	Beckhoff
Catalog number	ax5118-0000-0200
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Digital Compact Servo Drive
Hardware Version	2.0
Firmware Version	2.06
Feedback Systems	SinCos 1 Vpp, resolver, EnDat 2.1, HIPERFACE®, BiSS® B, OCT
System Bus	EtherCAT
Drive Profile	SERCOS™ (IEC 61800-7-204 SoE)
Approvals	CE, cULus
Dimensions	185 mm (W) x 274 mm (H) x 232 mm (D)

Description

The Beckhoff AX5118-0000-0200 is a single-channel digital compact servo drive from the AX5000 series, engineered for precise motion control in industrial automation systems. Designed to operate with a rated supply voltage of 3 x 100–480 V AC ±10%, it delivers a rated output current of 18 A per channel, with a peak output current of 36 A.

The drive supports various feedback systems, including SinCos 1 Vpp, resolver, EnDat 2.1, HIPERFACE®, BiSS® B, and OCT, ensuring compatibility with a wide range of motor types. Its EtherCAT system bus facilitates high-speed communication, and the drive profile adheres to the SERCOS™ standard (IEC 61800-7-204 SoE).

The AX5118-0000-0200 is CE and cULus approved, indicating compliance with international safety standards. With dimensions of 185 mm in width, 274 mm in height, and 232 mm in depth (excluding connectors), it is suitable for applications requiring compact and efficient servo control solutions.

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