AUTOMATION TRADER

1FT7036-5AK71-1CG2

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft7036-5ak71-1cg2
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Rated Speed	6,000 rpm
Rated Torque	1.7 Nm
Rated Current	2.40 A
Maximum Permissible Speed	10,000 rpm
Encoder Resolution	24-bit + 12-bit multiturn
Protection Class	IP67

Description

The Siemens 1FT7036-5AK71-1CG2 is a SIMOTICS S synchronous motor from the 1FT7 series, designed for high-performance applications requiring precise control and reliability. This motor features a rated speed of 6,000 rpm and a rated torque of 1.7 Nm at 100% rated load, making it suitable for various industrial automation tasks.

It operates with a rated current of 2.40 A and offers a maximum permissible speed of 10,000 rpm, ensuring versatility in different operational settings. The motor is equipped with an absolute encoder providing 24-bit resolution and a 12-bit multiturn with DRIVE-CLiQ interface, facilitating seamless integration into automation systems.

Its compact design with a plain shaft and IP67 protection class ensures durability and adaptability in diverse environments. The 1FT7036-5AK71-1CG2 is compatible with 1FT6 and 1FK7 series, offering flexibility in system configurations.