1FT5102-0AC71-1

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5102-0ac71-1
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Napięcie zasilania	600 V DC
Rated Torque	33 Nm
Rated Speed	2000 RPM
Cooling Type	Air Cooling
Feedback Devices	Tachogenerator and Shaft Position Encoder
Protection Rating	IP64
Mounting Type	IM B5
Connectors	Power and Signal Connectors
Product Family	SIMODRIVE 611

Description

The Siemens 1FT5102-0AC71-1 is an AC feed drive motor designed for high-performance applications requiring precise control and reliability. Operating with a DC link voltage of 600 V, it delivers a rated torque of 33 Nm at a rated speed of 2000 RPM.

The motor features air cooling, a tachogenerator, and a shaft position encoder, ensuring accurate speed and position feedback. With an IP64 protection rating and an IM B5 mounting type, it is suitable for various industrial environments.

The motor is equipped with power and signal connectors, facilitating easy integration into existing systems. This model is part of Siemens' SIMODRIVE 611 series, known for its robust performance in demanding automation tasks.

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