1FT5046-0AF04-1-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	1ft5046-0af04-1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Voltage	600 V DC
Rated Torque	3.7 Nm
Rated Speed	3000 RPM
Cooling Type	Natural
Feedback System	Tachogenerator and Resolver

Description

The Siemens 1FT5046-0AF04-1-Z is an AC servo motor designed for precise motion control applications. It operates with a 600 V DC link voltage, delivering a rated torque of 3.7 Nm at a rated speed of 3000 RPM.

The motor features natural cooling and includes a tachogenerator (TG) and a resolver (RLG) for feedback. It is equipped with a power and signal connector and has an IP64 protection rating, ensuring resistance to dust and water ingress.

This motor is suitable for integration into various automation systems requiring reliable and efficient motion control.

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