1FT5042-0AF04-1-Z

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	1ft5042-0af04-1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	1FT5042-0AF04-1-Z
Product Type	AC Servomotor
Rated Speed	3000 RPM
Rated Torque	1.0 Nm
DC Link Voltage	600 V
Construction Type	IM B5 (IM V1, IM V3)
Cooling Type	Naturally Cooled
Duty Cycle	S1
Protection Class	IP64

Description

The Siemens 1FT5042-0AF04-1-Z is a high-performance AC servomotor designed for precision motion control applications. Manufactured by Siemens, a global leader in industrial automation, this motor is part of the 1FT5 series, known for its reliability and efficiency.

The 1FT5042-0AF04-1-Z model features a rated speed of 3000 RPM and a rated torque of 1.0 Nm, making it suitable for applications requiring consistent and precise rotational movement. With a DC link voltage of 600 V, it operates efficiently within this voltage range.

The motor's construction type is IM B5 (IM V1, IM V3), indicating its suitability for various mounting configurations. Additionally, it is naturally cooled, eliminating the need for external

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.

cooling systems and simplifying installation and maintenance.

The motor is rated for continuous operation (S1 duty cycle), ensuring reliable performance over extended periods. Its IP64 protection class provides a high level of ingress protection, safeguarding internal components from dust and water ingress.

This makes the 1FT5042-0AF04-1-Z ideal for use in demanding industrial environments where durability and consistent performance are essential.

AUTOMATION TRADER

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE

VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.