

FANUC VFS15-4075PL-W1 Manual

Brand	FANUC
Product Series	FANUC
Product Type	-

Description

Toshiba Motors & Drives VFS15-4075PL-W1 AC Drive, VFD, Micro-Drive, 10 HP, 17 Full load Amps, 4C4, S15 ASD

Product Attribute

Attribute Value

Brand Toshiba Motors & Drives

Horsepower Rating 10 hp

Manufacturer Part Number VFS15-4075PL-W1

Series S15 Series

Supply Voltage 460 VAC

The S15 adjustable speed drive is a compact and high performance adjustable speed drive designed for controlling a wide range of variable and constant torque applications for multiple industries. This micro adjustable speed drive is capable of working with permanent magnet (PM) motors, which allows a much greater flexibility in selecting a motor for an application. In addition, expanded PID control allows a greater level of precise control and operation on difficult level control applications. No other micro adjustable speed drive delivers such reliable performance and extensive capabilities at such a competitive cost.

Product Scope

200 to 230 V at 0.5 to 20 HP

380 to 460 V at 0.5 to 20 HP

525 to 600 V at 2 to 20 HP

Single Phase

200 to 230 V at 0.25 to 3 HP

Highlights

110% Continuous Overload Rating, 150% for 60 Seconds

Three Programmable Discrete Outputs: One Form-A, One Form-C, & One Open Collector

Six Programmable Discrete Inputs

One Programmable Analog Outputs: 4 to 20 mA or 0 to 10 VDC

Three Programmable Analog Inputs: One 4 to 20 mA Input, One 0 to 10 VDC Input, & One ± 10 VDC Input

Ten Year Life-Long Design

Compact Design

Capable of Working with Permanent Magnet (PM) Motors

Safe Torque Off (STO) Compliant

Auto-Restart Operation/Catch a Spinning Motor

Standard Features

IP20 Enclosure; Wall-Mount

Past Trip Monitoring: Stores the Last Eight Faults in Succession, Along with At-Trip Operation Data

Rotary Encoder

EOI: Four-Digit/Seven-Segment LED Display

Ambient Temperature: 14° to 122°F (-10° to 50°C)

Humidity: 95% Non-Condensing

Altitude: Up to 1000 Meters without Derate

Two-Wire RS485 Communication Port

Compliances: UL Listed in US & Canada, CSA® & CE®

VARIABLE SPEED DRIVE

TOSVERT

VF-S15 SERIES

SINUSOIDAL PWM CONTROL

0.1 TO 500.0HZ

DEFAULT SETTING: 0.5 TO 60HZ

MAXIMUM FREQUENCY: 30 TO 500HZ

THREE PHASE

460 VAC

10 HP

OPERATION PANEL

BUILT-IN HIGH-ATTENUATION EMC FILTER

WORLD MODEL