

Fundamental Troubleshooting Manual for VFD

Purpose

This test guide is applicable to service personnel in the field troubleshooting/judgment of machine faults, accurately locate the problem, avoid direct replacement of the machine. This avoids the problem of being unable to reproduce the problem caused by changing the machine directly and prolonging the processing progress of the problem.

This guide is only the basic detection of the VFD and some of the more frequent failure detection and judgment methods.

is the motor abnormal?

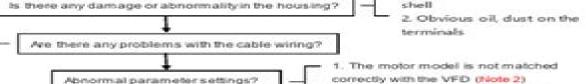
Abnormal customer system? (Note 3)

Tools Needed

Multimeter, VFD, asynchronous motor and other supporting equipment.

Simple Troubleshooting

- 1. Input voltage 380/220
- 2. Wining error (Note 1)
- 3. No fastening screws for beeminals.
- 1. Serious damage to the motor casing
- 2. Bad insulation of the motor
- 3. Stuck shaft or strange noise



- correctly with the VFD (Note 2) 2. Function code required by the
- customer.

Serious damage to the

- Customer machinery jammed.
- Abnormal mechanical test avdijivis tim eint.
- If the problem is not solved. please refer to the detailed troubles hooting.

Note 1: Wiring Error

- 1. Is the RST power cord correct?
- 2. Is the UVW motor wire correct?
- Is the external control wire wired correctly?









Aaon Troubleshooting Vfd Manual For Rn025

D Keegan

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