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Kinetix 6500 fault codes

Kinetix 6500 fault codes s55. Allen-bradley kinetix 6000 fault codes. Kinetix 6000 fault codes e06. Kinetix 6500 fault codes m24. Kinetix 6500 fault codes s45. Kinetix 6000 fault codes e07. Allen bradley kinetix 6500 fault codes. Kinetix 6500 fault codes s54. Kinetix 6500 safe-off fault codes.

Visit the Technical Documentation Center to find product specifications, installation guides, user manuals, product certifications and more. For information on troubleshooting SAFE FLT fault codes, refer to the Kinetix 6200 and Kinetix 6500 Safe Speed Monitoring Safety Reference Manual, publication 2094-RM001 . Table 80 - Fault Code Summary Fault Code Type Description FLT Sxx Standard runtime anomalies. FLT Mxx INIT FLT Sxx Anomalies that prevent normal operation and occur during the initialization process.

INIT FLT Mxx NODE FLTxx Anomalies that prevent normal operation of all drives on the power rail. NODE ALARM xx Anomalies that prevent normal operation of all drives on the power rail, but do not result in any action other than reporting the alarm to the controller. ALARM SxxALARM Mxx Warnings of conditions that may affect normal operation, but do not result in any action other than reporting the alarm to the controller.
TIP Fault codes triggered by conditions that fall outside factory set limits are identified by FL at the end of the display message. For example, FLT S03...MTR OVERSPEED FL. Fault codes triggered by conditions that fall outside user set limits are identified by UL at the end of the display message. For example, FLT S04...MTR OVERSPEED UL. Table 81 - FLT Sxx Fault Codes Four-character Display Message RSLogix 5000 Fault Message Problem or Symptom Potential Cause Possible Resolution FLT S02...MTR COMMUTATION Illegal Hall State State of Hall feedback inputs is incorrect. Improper connections. • Check Hall wiring at motor feedback (MF) connector.

• Check 5V power supply to the encoder. FLT S03...MTR OVERSPEED FL Motor Overspeed Motor speed has exceeded 125% of maximum rated speed. • Check cables for noise.• Check tuning. FLT S04...MTR OVERSPEED UL(Kinetix 6500 drives only) Motor Overspeed Motor speed has exceeded user velocity limits. FLT S05...MTR OVERTEMP FL nn Motor Overtemperature The motor thermostat, motor thermistor, or encoder temperature sensor indicates that the motor factory temperature limit has been exceeded. The nn sub-code is defined as follows: High motor ambient temperature and/or Excessive Current. • Operate within (not above) the continuous torque rating for the ambient temperature. • Lower ambient temperature or increase motor cooling. 01: Motor Thermostat or Thermistor. Motor wiring error. Check motor wiring at motor feedback (MF) connector. 02: Encoder Temperature Sensor. Incorrect motor selection. Verify the proper motor has been selected. This manual is related to the following products: System Design for the Control of Electrical Noise Kinetix Rotary and Linear Motion Cable Specifications Low-profile Connector Kits Installation Low-profile Connector Kit for I/O, Safety, and Auxiliary Feedback Installation Low-profile Connector Kit for Cascading Safe Torque-off Signals Installation Integrated Motion on the EtherNet/IP Network Reference Manual