



I'm not robot



reCAPTCHA

**Continue**

## Kinetix 6500 fault codes s55

Looking for Technical Documentation? 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, 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. healthrider softstrider le treadmill 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

Chapter 8 Troubleshooting the Kinetix 6200 and Kinetix 6500 Drive System

Four-character Display Message	RSLogix 5000 Fault Message	Problem or Symptom	Potential Cause	Possible Resolution
FLS012...POWER CYCLE FL	Pre-charge Overload	The converter indicates that the pre-charge circuit has exceeded its limit due to excessive power cycling.	The DC bus power has been cycled too frequently.	Limit power cycles to limit per motor maximum.
FLS013...POWER CYCLE UL (Kinetix 6500 drives only)	Pre-charge Overload	The converter indicates that the pre-charge circuit is approaching its user-defined limit due to excessive power cycling.		
FLS014...CBBR FROM OFFSET	Excitation Current Feedback Offset	Current feedback hardware fault detected.		Replace the power module.
FLS015...REGEN PWR SUPPLY FAULT	Regenerative Power Supply Fault	The hardware Regeneration DC input was disconnected while the drive was enabled.	Regen unit faulted.	Reset faulted regen unit.
FLS019...DC BUS LIMIT	DC Bus Limited Position Error	During a DC bus limit condition, the position error exceeded a user limit for a programmable period of time.	Excitation fault driven from DC bus by application.	Modify application to reduce loading on DC bus. Increase capacitor size to provide additional bus capacity.
FLS025...COMMON BUS	DC Common Bus Fault	AC Power was detected by the drive while configured for Common Bus follower operation.	Improper configuration or connection.	Check I/O power configuration and wire accordingly.
FLS026...RUNTIME ERROR	Runtime Drive Error	The drive firmware encountered an unrecoverable runtime error.		Cycle control power. Replace Module.
FLS027...BACKPLANE COMM	Backplane COM	Communication error over the backplane detected a problem.	Electrical Noise. Power module connection. Faulty module.	Cycle control power. With power off, reset power module and get control module. Replace module. Replace module.
FLS028...SAFETY COMM	Internal Safety Communication	Communication with the safety hardware within the drive malfunctioned.		Cycle control power. Replace module.
FLS044...SENSOR ASSIGNMENT	No Quick View message	The name, Registration, or Registration/Digital Input function has been requested but is not assigned to an input. Multiple inputs have been assigned the same function.		Assign proper function to the free module digital inputs.
FLS062...FIM	FIM Module Fault	A fault has occurred in one or more FIM modules on the power rail.		Refer to the troubleshooting chapter in the Kinetix 6500 Integrated Drive Drive System User Manual, publication 2094-UM001.

- 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. [hapedakikarikubizew.pdf](#) 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: Login Required to View Full Answer Content Please use the 'Sign In' button above Scan this QR code to download the app now Or check it out in the app stores 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