

525T Error Codes

Error Code	Description
1	Drive did not start (No Speed at Startup)
3	Speed Mismatch
4	Upper Display Communication Issue
5	Drive Communication issue
6	Membrane Fault (Stuck Key)
7	Controller Fold-Back
8	Approaching Over-Temperature
9	MCC Watchdog triggered
13	Upper Display Watchdog Triggered
15	Embedded A/V Device Failure
16	Membrane Fault (No Response)
92	Over Current (Output)
93	Over Voltage (DC Link)
94	Over Heat (Heatsink)
95	Low Voltage (DC Link)
96	Thermal Integrator of output current
98	Display Communication Lost – Belt speed zero
99	Display Communication Lost – Belt moving
103	Input Current OC trip (Drives with PFC only)
105	Thermal Integrator of Input Current (Drives with PFC only)
140	Can not find home position on power-up
141	Can not find home position in normal use
142	Out of incline range (over 15% or lower than -3%)
150	Out of Speed Range (over 150hz)

Known conditions that will generate errors:

- Shutting of the power while the belt is moving (Error 3, 5, 95 and 99 possible)
- Cycling power too quickly (Error 95 stored, not displayed)
- Setting the line frequency to not match the input (Error 141, 140)
- Shutting off the unit at full incline, error 140 at power up.
- Display watchdog resets cause a pair of codes, 9 and 99, to appear in sequence.

Note: Errors below 90 are console generated. The console software has determined an error condition exists that either doesn't involve the drive or hasn't caused the drive to malfunction. All errors generated by or reported by the motor controller are 90 or greater.

SEE FULL DESCRIPTION OF ALL ERROR CODES IN CHAPTER 4