

# F009 VS-SRS OVERTEMP FAULT

RW 10/17/2014

If the motor temperature exceeds 90 degrees parameter 3005 is set to fault - F009  
Let the motor cool down and see if it will reset, if not:

The Parameter list is 400842 – Check if power parameter 9909 is set to 0.5

Here are the instructions to unlock the parameters to make changes:

Go to long Par. 1603 (password code)

Press up/down arrow to scroll to 358 and press enter (it will change back to 0)

Scroll to 1602 and change the value from 0 (locked) to 1 (OPEN)

**(IF YOU CAN'T UNLOCK THE PARAMETERS YOU HAVE A BAD ABB DRIVE)**

Go to 3005 and change the value from 1 (fault) to 2 (alarm A2010 motor temp)  
the drive will run but with an alarm (meaning you have exceeded 90degrees)

Set 9909 to 0.5 (nom power)

Power down/power up - If that does not work do this:

- 1) *Power down*
- 2) *Disconnect the motor leads*
- 3) *Power up*
- 4) *Change parameter 3005 to NOT SEL (no fault – no alarm)*
- 5) *Run Drive*
- 6) *If runs with no faults power down - Connect motor leads*
- 7) *Power back up*
- 8) *Change 3005 back to 1 (fault)*  
*If fault did not clear check the motor to be sure it turns freely.*  
*If it does not turn freely you will need another motor.*
- 9) *If still not cleared change parameter 9907 – a small change*  
*in HZ can fix a noise or a fault.*  
*Power down/power up*
- 10) *When all done Go to 1602 parameter lock and change it to 0 (locked)*  
*If the fault still persists you may have a bad drive*