

Socapel Controller Error Codes

The following codes are valid only when the decimal point is strongly lit.

- “0” The power stage has been disabled as a result of an external command and not because of a fault.
- “1” The power stage has been enabled.
- “6” No firmware available (only with optional “firmware downloading” feature).
- “8” Unit initialized, with the transfer of the user’s initial values as current values of the parameters.
- “9” Unit initialized, with the transfer of the default values as current values of the parameters.
- “A” The power stage has been disabled as a result of a failure in the 48VDC auxiliary supply.
- “C” The power stage has been disabled as a result of a fault in the resolver feedback circuit.
- “d” The power stage has been disabled as a result of an internal failure:
 - : Auxiliary supplies +5V, +15V, -15V are out of tolerances.
 - : Defective software (“watch-dog” has been triggered).
- “L” The power stage has been disabled as a result of exceeding parameter programmed limit positions.
- “o” The power stage has been disabled by the variables STATC/STATD as set by the mask parameter CMASKU.
- “P” The power stage has been disabled as a result of an over voltage condition in the DC bus.
- “r” Fault test completed successfully.
- “S” The power stage has been blocked as a result of an overload or a short condition.
- “U” Possible defective controller.

Other codes may appear depending on the configuration options (particularly the software downloading option). Refer to the relevant documentation.