



# SD17060B-03 Option

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The Fault Output of the SD17060B conducts, that is it is on, when there is no fault and does not conduct, that is it is off, when there is a fault.

At power up, the standard SD17060B stepper driver performs most of its checks when the driver is enabled, and if it does not detect a fault condition, energizes the Fault Output to indicate that there is no fault is present. However, if the SD17060B powers up disabled, the driver does not perform its self tests and therefore does not energize the Fault Output. Even though the driver is functioning perfectly, this will appear to the control system that something is wrong with the SD17060B driver.

The SD17060B-03 option compensates for this by energizing the Fault Output immediately after power up, and waits to perform its checks until the control system enables the driver. If it does not detect a fault condition, the Fault Output will remain energized. If it does detect a fault condition, the Fault Output will turn off.

All of the remaining functions of SD17060B-03 are exactly like those of the standard SD17060B.

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