

## Table of contents

- Diagnostic LED

## Diagnostic LED

### Diagnostic LED

In a shared blinking code, the multicolor diagnostic LED (PF01) shows the aggregated states of all active state machines in the device (see ↘ State machine). In the case of a drive-integrated ctrlX CORE, the state of the CORE is also aggregated.

The diagnostic LED always shows the state of highest priority (according to the prioritization in the diagnostic code table).

Example of double-axis XMD: Subdevice 1 is in "AF" and subdevice 2 signals "F2 / F3 non-fatal error". The state of higher priority "F2 / F2 non-fatal error" is the aggregated state that is shown.

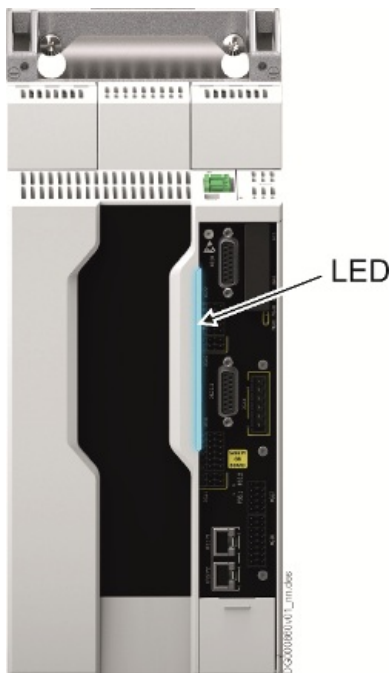


Fig. 95: PF01 LED using the example of double-axis XMD

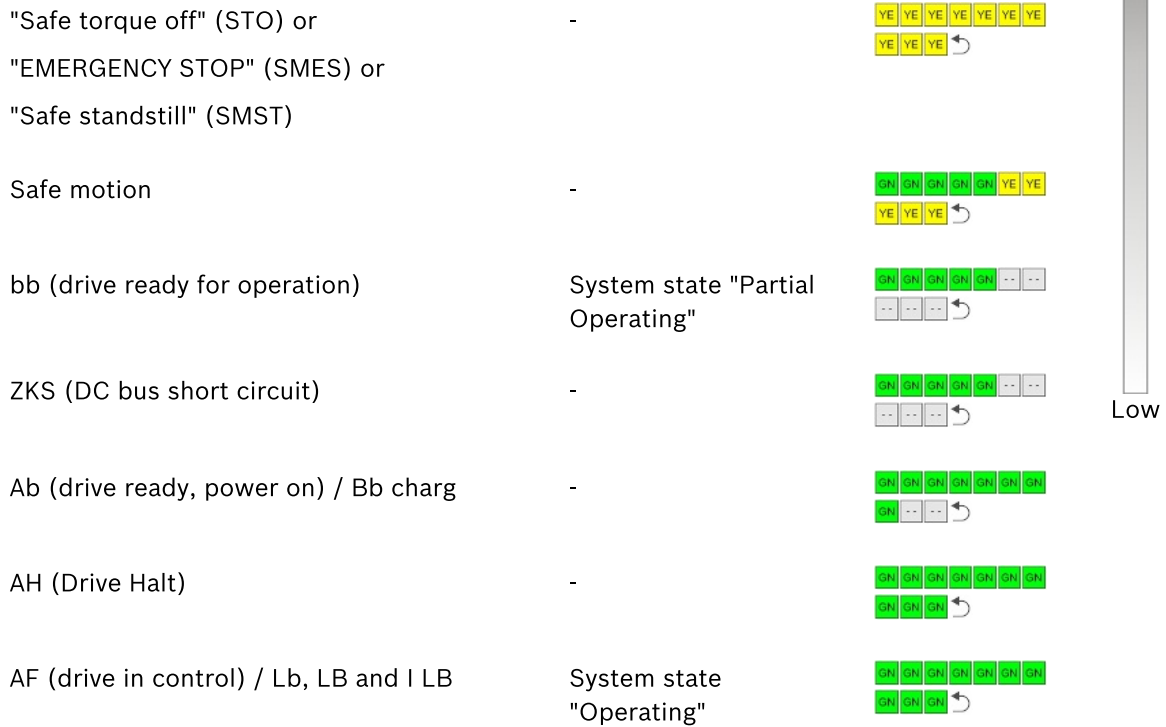
## LED display of the aggregated device state

Device state

LED

Priority





**Legend:**

**1):** Flashing pattern: One square corresponds to a duration of 250 ms; the arrow marks the end of a cycle; abbreviations on the squares: WH = LED permanently lit white, YE = LED permanently lit yellow, BU = LED permanently lit blue, GN = LED permanently lit green, RD = LED permanently lit red, -- = LED is off