## ISD - Integral System Diagnostics

## Fail-safe standstill monitors FWS

The fail-safe standstill monitors LED display to show the different switching conditions and faults. The tables show the different switching conditions.

LED lights up green
LED flashes yellow ( 2 Hz )
LED flashes yellow $(0,5 \mathrm{~Hz})$

- Enabling paths are closed
- Motor running, the limit frequency is exceeded, the enabling paths are open
- With two proximity switches connected, only one switch is below the limit frequency, the enabling paths are open

By fault messages, the LED lights up orange in intervals. During these intervals the LED flashes in short pulses from one to eight times.


* Partial actuation

Switch position in which only one contact has been actuated.

## Deletion of fault indication

The fault indication is deleted when the error cause has been eliminated and the AES could check all the functions In case of a fault of switch 1 or switch 2, the appropriate switch must be actuated (open and re-close safety guard) For all other faults, both switches must be actuated.

