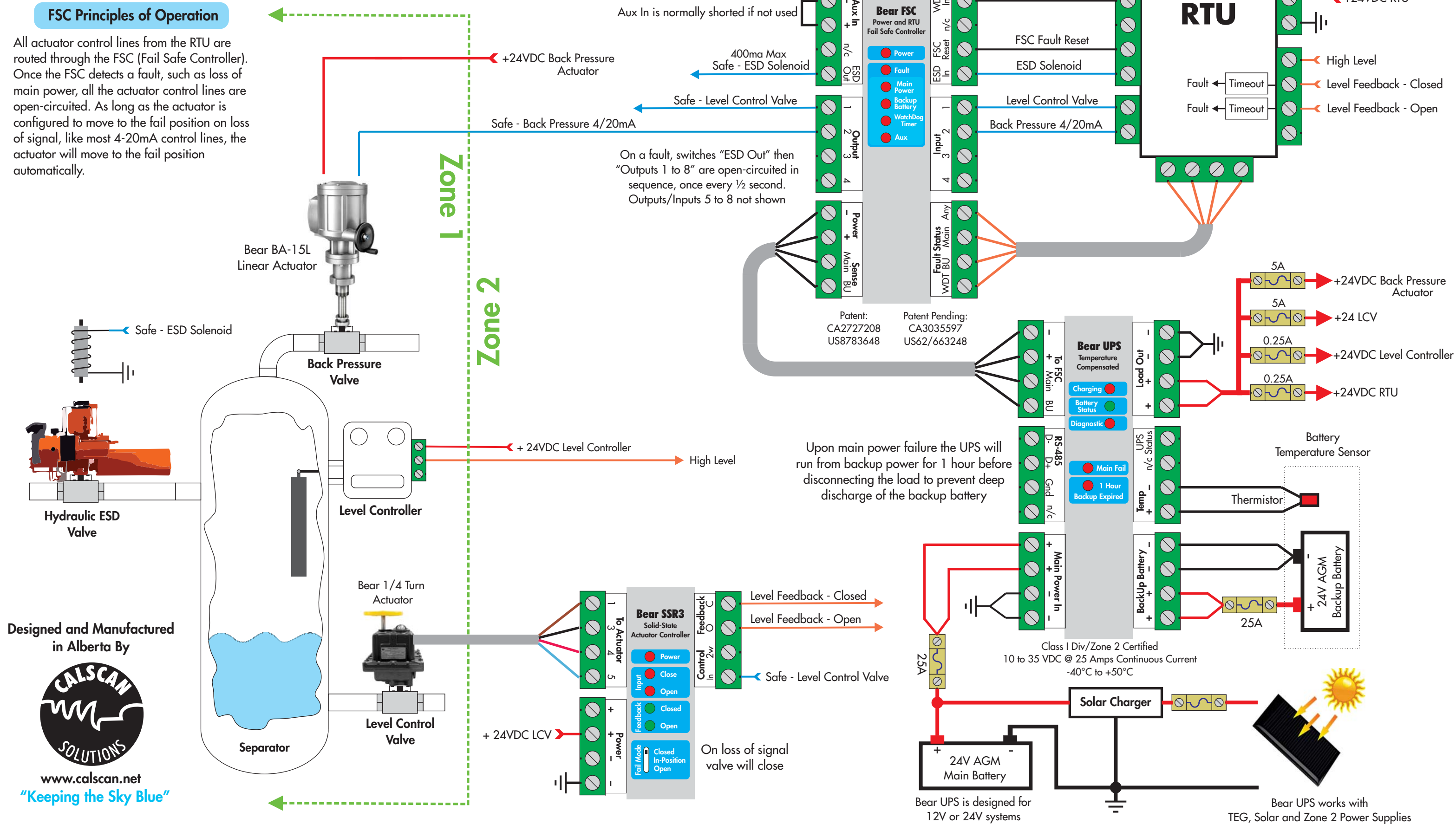


Bear Fail Safe System: 24VDC Reference Design

FSC Principles of Operation

All actuator control lines from the RTU are routed through the FSC (Fail Safe Controller). Once the FSC detects a fault, such as loss of main power, all the actuator control lines are open-circuited. As long as the actuator is configured to move to the fail position on loss of signal, like most 4-20mA control lines, the actuator will move to the fail position automatically.



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