



LEDs

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Supervisor Module LEDs

LED	Color	Status
STATUS	Green	All diagnostics pass. The module is operational (normal initialization sequence).
	Amber	Indicates one of the following: <ul style="list-style-type: none"> • The module has detected a slot ID parity error and will not power on or boot up. • The module is booting or running diagnostics (normal initialization sequence). • An over temperature condition has occurred. (A minor temperature threshold has been exceeded during environmental monitoring.)
	Flashing red	Indicates one of the following: <ul style="list-style-type: none"> • The diagnostic test has failed. • The module is not operational because a fault occurred during the initialization sequence. • An over temperature condition has occurred. (A major temperature threshold has been exceeded during environmental monitoring.)
	Red	The module has detected a slot ID parity error and will not power on or boot up.
	Off	The module is not receiving power.

LED	Color	Status
ID	Flashing blue	The operator has activated this LED to identify this module in the chassis.
	Off	This module is not being identified.
SYSTEM	Green	All chassis environmental monitors are reporting okay.
	Amber	Indicates one of the following: <ul style="list-style-type: none"> • At least one power supply has failed or the power supply fan has failed. • Incompatible power supplies are installed. • At least one redundant fan or fan controller has failed in the chassis. Overheating is not imminent.
	Red	Indicates one of the following: <ul style="list-style-type: none"> • The temperature of the Supervisor engine has exceeded the major threshold level. • At least one non-redundant fan or fan controller, or both redundant, have failed in the chassis. Overheating is imminent.
ACTIVE	Green	The supervisor module is operational and active.
	Amber	The supervisor module is in standby mode.
PWR MGMT	Green	Sufficient power is available for all installed modules.
	Amber	Sufficient power is not available for all installed modules.
LINK	Green	The module has detected a link.
	Off	The module does not detect a link.
ACT	Flashing green	The module is transmitting or receiving.
	Off	The module is not transmitting or receiving.
MGMT ETH	Green	The management port is operational.
	Amber	The management port link has been disabled through the software.
	Flashing Amber	The management port link is bad and has been disabled due to a hardware failure.
	Off	The module has not detected a signal.

Note This is available only on Supervisor-2 modules.

LED	Color	Status
LOG FLASH	Green	The log flash CompactFlash or USB disk is being accessed. Do not remove the media until the LED is off.
	Off	The expansion flash CompactFlash or USB disk is not being accessed. You can remove the media while this LED is off.
Slot 0	Green	The expansion flash CompactFlash or USB disk is being accessed. Do not remove the media until the LED is off.
	Off	The log flash CompactFlash or USB disk is not being accessed. You can remove the media while this LED is off.
Off	The log flash CompactFlash or USB disk is not being accessed. You can remove the media while this LED is off.	
USB1	Green	The expansion flash CompactFlash or USB disk is being accessed. Do not remove the media until the LED is off.
	Off	The log flash CompactFlash or USB disk is not being accessed. You can remove the media while this LED is off.

I/O Module LEDs

LED	Color	Status
ID	Flashing blue	The operator has activated this LED to identify this module in the chassis.
	Off	This LED is not being used.

LED	Color	Status
Status	Green	All diagnostics passed. This module is operational (normal initialization sequence).
	Amber	Indicates one of the following: <ul style="list-style-type: none"> • The module is booting or running diagnostics. • An overtemperature condition has occurred. (A minor temperature threshold has been exceeded during environmental monitoring.)
	Flashing red	Indicates one of the following: <ul style="list-style-type: none"> • The switch has just been powered on, and the module is resetting. • The module has been inserted during the initialization process. • An overtemperature condition has occurred. A major temperature threshold has been exceeded during environmental monitoring. • The module has failed to download code and configuration information successfully during the initial reset. The module is not online.
	Red	Indicates one of the following: <ul style="list-style-type: none"> • The module has detected a slot ID parity error and will not power on or boot up. • The module is not fully inserted, and it is not making a reliable connection with the supervisor.
	Off	The module is not receiving power.
Link (for each port)	Green	The port is active (the link is connected and active).
	Amber	The module or port is disabled by using a CLI command or the module is initializing.
	Flashing amber	The port is faulty and disabled.
	Off	The port is not active or the link is not connected.

Power Supply LEDs

Depending on the power supply (AC, DC and HVAC/HVDC power supplies), there are 1 or 2 input LEDs. The Output, Fault, and ID LEDs have the same function for the AC, DC and HVAC/HVDC power supply units.

LED	Color	Status
Input 1	Green	The AC, HVAC/HVDC, or DC input voltage is within the valid range.
	Off	The AC, HVAC/HVDC, or DC input voltage is outside the valid range.
Input 2 (available only on DC power supply units)	Green	The DC input voltage is within the valid range.
	Off	The DC input voltage is outside the valid range.
Output	Green	The AC or DC output power is within the valid range.
	Off	The AC or DC output power is outside the valid range.
Fault	Off	The AC or DC output voltage and power supply unit tests are okay.
	Flasing red	Self-diagnostic tests have failed or another power supply failure has occurred.
ID	Flashing blue	The operator has activated this LED to identify this module in the chassis.
	off	This module is not being identified.

