AADvance Controller

Catalog Numbers T9110, T9300, T9310, T9401/2, T9431/2, T9451, T9481/2

Allen-Bradley
by ROCKWELL AUTOMATION

System Build Manual

Original Instructions

Status Indicators on the T9110 Processor Module

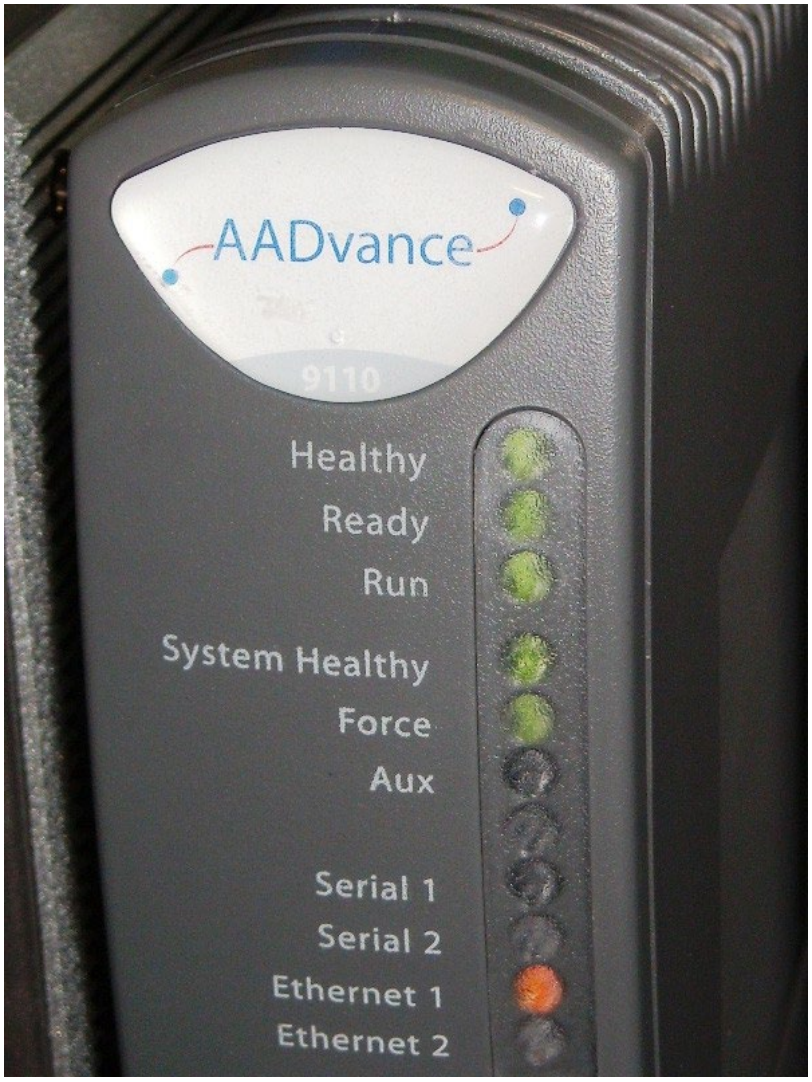

Table 11 - Status Indicators on the T9110 Processor Module

Indicator	Status	Description
Healthy	OFF	No power.
	RED	• Flashes RED briefly after being installed as the module is booting up • Continuous RED means a Module has a fault.
	GREEN	As the module boots up it goes GREEN, this lasts for 10 to 20 seconds. When the module is operational the LED stays GREEN. When in the recovery mode and no faults are present the LED is GREEN. Fault Indications: • If Healthy is GREEN and all the other indicators on the module are OFF then the module has failed to boot up. • If Healthy is GREEN and Ready and Run are RED then the module is in its shutdown state.

Table 11 - Status Indicators on the T9110 Processor Module

Indicator	Status	Description
Ready	OFF	No power or Module is in Recovery Mode (Recovery Mode versions 1.020.x and after with Update of I/O modules feature enabled).
	RED	• Module is booting up (10 to 20 seconds) or not educated or synchronized with partners. • Module is in the shutdown state.
	Flashing GREEN	The module is being educated or synchronized.
	GREEN	Module is educated and synchronized with partners.
	AMBER	Module is in Recovery Mode (Recovery Mode versions before 1.020.x)
Run	OFF	No power and stays off while the module is booting up (10 to 20 seconds) or Module is in Recovery Mode (Recovery Mode versions before 1.020.x)
	RED	• Module is not educated/synchronized; No application loaded; the processor module is in the Recovery Mode and the base level firmware is running. • Module is in the shutdown state.
	GREEN	The module contains an application and it is running.
	AMBER	Module is in Recovery Mode (Recovery Mode versions before 1.020.x)
System Healthy	OFF	No power and stays off while the module is booting up (10 to 20 seconds).
	RED	There is a fault on one or more modules. or The application has stopped because the module has entered Recovery Mode.
	GREEN	No system or module faults present or The system is in Recovery Mode.
Force	OFF	No power and stays off while the module is booting up (10 to 20 seconds)
	GREEN	No variables are being locked/forced
	AMBER	Module is in the Recovery Mode. or An operating controller has at least one variable being locked/forced.
Aux	OFF	No power and stays off while the module is booting up (10 to 20 seconds), or under application control.
	GREEN	The module is under application control.
	AMBER	Module is under application control. or The module is in the Recovery Mode.
Serial 1 and 2	OFF	No power and stays off while the module is booting up (10 to 20 seconds).
	RED	Serial port pulse stretched Tx.
	GREEN	Serial port pulse stretched Rx.
	AMBER	Quickly alternating Tx and Rx activity.
Ethernet 1 and 2	OFF	No power and stays off while the module is booting up (10 to 20 seconds)
	GREEN	Ethernet link present
	AMBER	Tx or Rx activity on Ethernet Port