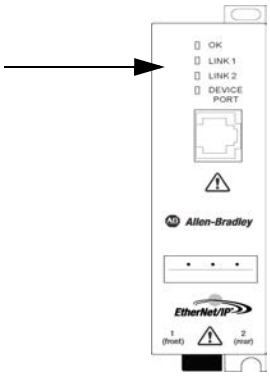
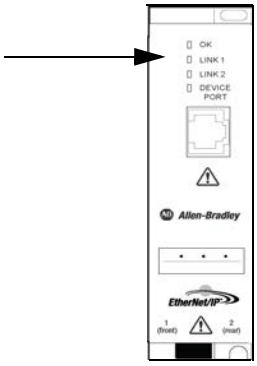
1783-ETAP Status Indicators



Indicator	Status	Description
OK	Off	Tap is not powered.
	Flashing green	Tap is not configured.
	Steady green	Tap is powered, configured, and operating correctly.
	Flashing red	Recoverable fault, such as duplicate IP address or update in progress, is detected.
	Steady red	Unrecoverable fault detected.
LINK1, LINK2	Off	One of these conditions exists: • No link. • Port administratively disabled. • Port that is disabled because of rapid ring fault condition, and this tap is the active ring supervisor (LINK 2). • Ring network has encountered a rare, partial network fault, and this tap is the active supervisor (LINK 2).
	Green	One of these conditions exists: • A 100 Mbps (full or half-duplex) link exists. • The ring network is operating normally and this tap is the active supervisor (LINK 2).
	Flashing green	A 100 Mbps link exists and there is activity.
	Steady yellow	One of these conditions exists: • A 10 Mbps (full or half-duplex) link exists. • Ring network is operating normally, and this tap is the active supervisor (LINK 2).
	Flashing yellow	A 10 Mbps link exists and there is activity.

1783-ETAP1F, 1783-ETAP2F Status Indicators



Indicator	Status	Description
OK	Off	Tap is not powered.
	Flashing green	Tap is not configured.
	Steady green	Tap is powered, configured, and operating correctly.
	Flashing red	Recoverable fault, such as duplicate IP address detected, or an update in progress, is detected.
	Steady red	Unrecoverable fault detected.
LINK 1, LINK 2	Off	One of these conditions exists: • No link. • Port administratively disabled. • Ring network has encountered a rare, partial network fault, or rapid ring fault condition, and this tap is the active supervisor (LINK 2).
	Steady green	One of these conditions exists: • RJ45 port: a 100 Mbps (full or half-duplex) link exists, and there is no activity. • Fiber port: a 100 Mbps (full-duplex) link exists, and there is no activity. • Ring network is operating normally, and this tap is the active supervisor (LINK 2).
	Flashing green	A 100 Mbps link exists and there is activity.
	Steady yellow	RJ45 port only. One of these conditions exists: • A 10 Mbps (full or half-duplex) link exists. • Ring network is operating normally, and this tap is the active supervisor (LINK 2).
	Flashing yellow	RJ45 port only. A 10 Mbps link exists and there is activity.

Specifications

Attribute	1783-ETAP, 1783-ETAPK	1783-ETAP1F, 1783-ETAP1FK	1783-ETAP2F, 1783-ETAP2FK
Power consumption, max	3 W	4.8 W	6.24 W
Current consumption, max	125 mA @ 24V DC	200 mA @ 24V DC	260 mA @ 24V DC
DC power supply voltage rating	• 24V DC (20.4...27.6V DC) • 台灣使用的rating為24V DC		
Ethernet connections	• RJ45 connector according to IEC 60603-7, 2 or 4 pair • Category 5e minimum cable according to TIA 568-B.1 • Category 5 cable according to ISO/IEC 24702		
DC power connections	• One 0.33...3.3 mm^2 (22...12 AWG) • Two 0.33...1.3 mm^2 (22...16 AWG) solid • Stranded copper wire rated at 75 °C (167 °F) or greater • 1.2 mm (3/64 in.) insulation max		
Torque	0.6...0.8 N•m (5...7 lb•in) on power connector		
Temperature, operating IEC 60068-2-1 (Test Ad, Operating Cold) IEC 60068-2-2 (Test Bd, Operating Dry Heat) IEC 60068-2-14 (Test Nb, Operating Thermal Shock)	-25 °C ≤ Ta ≤ +70 °C (-13 °F ≤ Ta ≤ +158 °F)	-25 °C ≤ Ta ≤ +60 °C (-13 °F ≤ Ta ≤ +140 °F)	
Temperature, surrounding air, Ta, max	70 °C (158 °F)	60 °C (140 °F)	

WARNING: This product is a class A equipment:
- This product must not be used in residential areas.
- This product may cause interference if used in residential areas. Such use must be avoided unless the user takes special measures to reduce electromagnetic emissions to prevent interference to the other devices.

<警告使用者>此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
Stratix Ethernet Switches Specifications, publication 1783-TD001	Contains technical specifications, environmental specifications, certifications, and other information pertaining to Stratix® Ethernet switches.

You can view or download publications at https://www.rockwellautomation.com/literature/. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

Rockwell Automation maintains current product environmental information on its website at https://www.rockwellautomation.com/rockwellautomation/about-us/sustainability-ethics/product-environmental-compliance.page.