Gigabit Switch

RP-1000:

2-Slot Redundant Power System

Key Features

- **Supports device status detect Signal for managed switch system:**
  - ---Power A,B position
  - ---Power On/Off status
  - ---DC-DC or AC-DC input Power
  - ---Power module inserted or removed
  - ---+5V output voltage status
  - ---Power A,B FAN RPM status
  - ---Case temperature detect
  - ---Device Name RP-1000 read/write (write protection)
  - ---S/N Number read/write (write protection)
  - ---HW/ME Version read/write (write protection)
- **Supports I2C interface for device status detect**
- **AC power input 100V ~ 240V, 47-63Hz or DC power input 36 ~ 72V**
- **Up to +5V/16A 80W power output with 10 pin Mini-Fit 4.2 connector**
- **Redundant power supply to prevent system failure, if one fails, the redundant power supply is capable of taking over immediately (Load-sharing).**
- **System LEDs**：
  - ---Power (RP-1000 Power A or B or FGS-2924R internal AC Power ON),
  - ---Power A (+5V Good),
  - ---Power B (+5V Good)

Overview

The RP-1000 External Redundancy Power Supply is designed as a power supply that can supply backup power to so equipped RubyTech FGS-2924R. It has 2 redundant power supply (RPS) ports supporting backup power to 2 supported RubyTech FGS-2924R switches. User can detect RP-1000 status (Power A,B , Power insert/remove , DC or AC Power, FAN RPM , Temperature, Device Name, S/N Number) by the managed Switch's web UI. Moreover, a redundant power supply is offered in the power supply set to cope with any accidental breakdown of power supply.

Technical Specifications

- **Diagnostic LED:** Power A, Power B, Power

Power Requirement:

AC Power Module Input	100-240VAC, 50-60Hz
DC Power Module Input	48VDC
Consumption	80W
Slot Power Plug Output	+5V/16A
Ambient Temperature	0 to 40℃
Storage Temperature	-20℃ to 70℃
Humidity	5% to 90%
Dimensions	440(W) x 211.2 (D) x 44 (H) mm

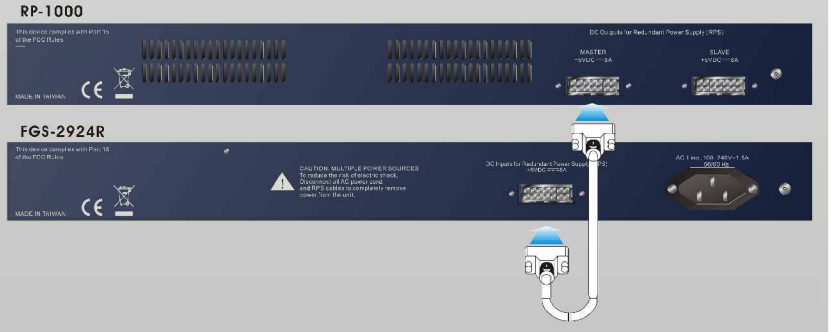
- **Complies with FCC Part 15 Class A & CE Mark Approval**
- **LED Description**

LED	Color	Function
Power A	Green	Lit when Power Module A +5V output is coming up.
Power B	Green	Lit when Power Module B +5V output is coming up.
Power	Green	Lit when RP-1000 Power A or B or FGS-2924R internal AC Power ON.

Ordering Information

Model	Description
RP-1000RAC	RP-1000 with Dual AC Input Redundant Power Supply
RP-1000RDC	RP-1000 with Dual DC Input Redundant Power Supply
RP-1000RADC	RP-1000 with AC+DC Input Redundant Power Supply

Application:



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