

RLH 1RU Slimline Fiber Link Card Housing

19/23" RACK MOUNT APPLICATIONS

Description

The RLH Slimline Fiber Link Card Housing is a single space (1RU) unit for use in telco, 2-post relay racks, or standard front rail 19 or 23 inch equipment racks. It is designed to hold two Fiber Link Cards, or one Fiber Link Card with a 48VDC power adapter. The power supply can accept either AC (88-260V) or DC (125-373V) power.

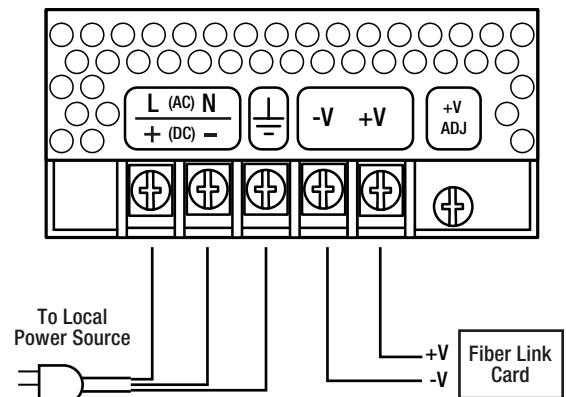
Constructed of 16-gauge steel with a convenient slide out tray for easy access to equipment from the front panel, the enclosure locks with a spring-loaded knob screw, has a viewing window for cards with status LEDs, and multi-position rack ears for flexible mounting. Cable management hardware is included.

Key Features

- Compatible with all RLH Fiber Link Cards
- Powder coated steel construction with plastic viewing window
- Slide-out, front access to cards and fiber
- Cable management hardware included
- Available with 48VDC power supply
- Single rack space (1RU) 19 or 23 inch rack profile
- Grommeted fiber pass-through holes on sides and rear



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Internal Power Adapter Connections

Ordering Information

Part Number	Description	Dimensions
8806-1291-01	2 Card 1RU Slimline Housing	1.75"H x 17"W x 11.5"D
8806-1295-02	1 Card 1RU Slimline Housing with 48VDC Power Supply	1.75"H x 17"W x 11.5"D

Power Supply Specifications

OUTPUT	DC VOLTAGE	48V
	RATED CURRENT	0.8A
	CURRENT RANGE	0 ~ 0.8A
	RATED POWER	38.4W
	RIPPLE & NOISE (max.) NOTE 2	200mVp-p
	VOLTAGE ADJ. RANGE	42 ~ 54V
	VOLTAGE TOLERANCE NOTE 3	± 1.0%
	LINE REGULATION NOTE 4	± 0.5%
	LOAD REGULATION NOTE 5	± 0.5%
	SETUP, RISE TIME	500ms, 50ms/230VAC 1200ms, 50ms/115VAC at full load
	HOLD UP TIME (TYP.)	80ms/230VAC 15ms/115VAC at full load
INPUT	VOLTAGE RANGE	88~264VAC 125~373VDC (Withstand 300VAC surge for 5 sec. without damage)
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY (TYP.)	88.5%
	AC CURRENT (TYP.)	0.8A/115VAC 0.55A/230VAC
	INRUSH CURRENT (TYP.)	COLD START 36A/230VAC
	LEAKAGE CURRENT	<2mA / 240VAC
PROTECTION		110 ~ 115% rated output power
	OVERLOAD	Protection type: Hiccup mode, recovers automatically after fault condition is removed
	OVER VOLTAGE	34Ah 55.2 ~ 64.8V
ENVIRONMENT	WORKING TEMP.	-25°C to +70°C, -25°F to +158°F (Refer to "Derating Curve")
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	STORAGE TEMP. HUMIDITY	-40°C to +85°C, 10 ~ 95%
	TEMP. COEFFICIENT	± 0.03%/°C (0 ~ 50°C)
NOTES	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature	
	2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor	
	3. Tolerance : includes set up tolerance, line regulation and load regulation.	
	4. Load regulation is measured from 0% to 100% rated load.	

DERATING CURVE

