

Power Supply Parallel or Redundancy Module



- ◆ OR-ing Diodes Included
- ◆ Alarm Signals
- ◆ LED Indicators
- ◆ DIN Rail Mounting

Features and Benefits

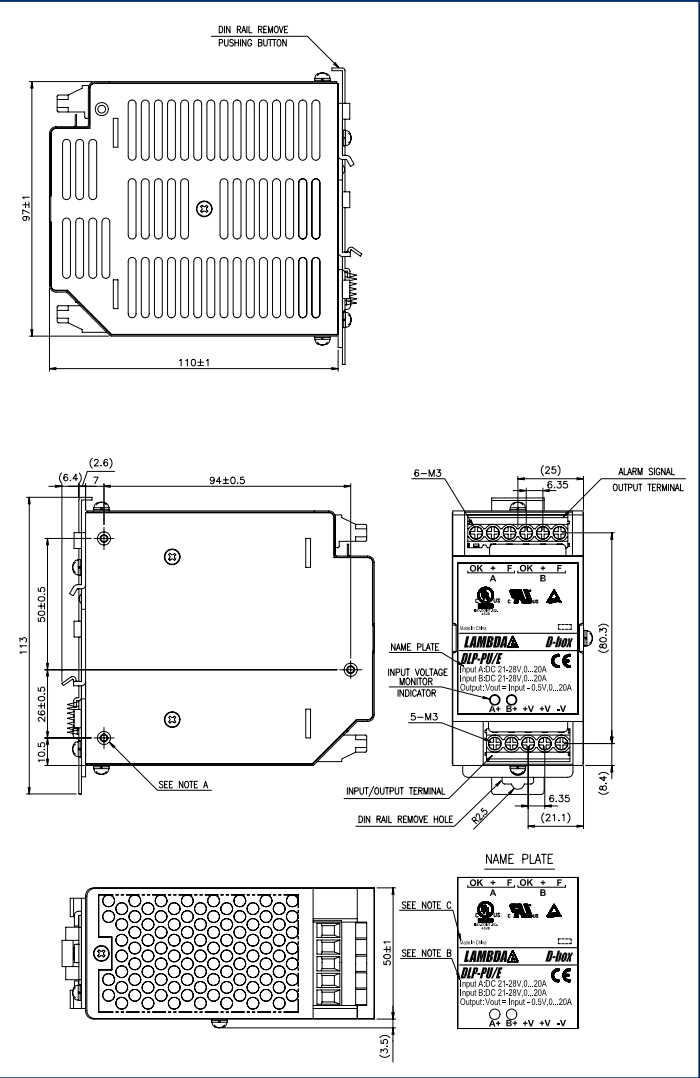
Feature	Benefit
◆ Internal ORing Diodes	◆ Allows redundant operating
◆ Can connect two units in parallel	◆ Enables system scalability
◆ Output voltage monitoring (via relays)	◆ Remote alarm notification
◆ DIN Rail Mounting	◆ Easier system integration

Specifications

MODELS		DLP-PU/E
ITEMS		
Input Voltage Range	VDC	21 - 28VDC
Number of inputs	-	Two
Maximum Input Current	A	20A per input
Maximum Output Current	A	20A
Overcurrent protection	-	None
Voltage Drop	VDC	0.5V
Maximum Reverse Voltage	VDC	35VDC
LED Indicators	-	Two green LEDs indicating each input is "good"
Input Voltage Alarm	-	Relay off when input is <math> < 19.2V (\pm 1\%) </math> or $> 30V (\pm 5\%)$. NO and NC contacts
Relay contact rating (max)	-	28VDC, 1A or 120VAC, 0.5A (5mA minimum recommended)
Cooling	-	Convection
Operating Temperature	-	-10 to +70°C, derate linearly to 60% from 60 to 70°C
Storage Temperature	-	-30 to +90°C
Humidity	-	Operating: 30 - 90%RH, Storage: 10 - 95%RH (non condensing)
Withstand Voltage	-	Input or Output - Chassis, Input or Output - Relay Contacts, Relay Contacts to Chassis; 500VAC for 1 min.
Isolation Resistance	-	Input or Output - Chassis, Input or Output - Relay Contacts, Relay Contacts to Chassis; >10M Ohms at 25°C, 70%RH and 500VDC
Vibration	-	Non operating, mounted on DIN Rail, 10-55Hz (sweep for 1 min), 9.8m/s ² constant X, Y, Z each for 1 hour
Shock	-	196m/s ²
Safety Agency Approval	-	UL60950, CSA60950, EN60950, UL508, CSA22.2 No.14, EN60529 IP20, EN50178 Cat 1
Size	mm/in	50 x 97 x 110mm, 1.97x 3.81 x 4.33"
Weight	g	470g
Warranty	yrs	Three Years

Note:
See Installation Manual for full details, test methods of parameters and application notes

Outline Drawing



Block Diagram

