



DLP-PU Series

Power Supply
Parallel or Redundancy Module

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

Key Market Segments & Applications

Industrial Controls:	Motor Control Systems
Factory Automation:	Process Control, Automotive, Chemical Processing
Test & Measurement:	Burn in & Test, Instrumentation Measurement

DLP-PU Features and Benefits

Features

- Internal ORing Diodes
- Can Connect Two Units in Parallel
- Output Voltage Monitoring (via relays)
- DIN Rail Mounting

Benefits

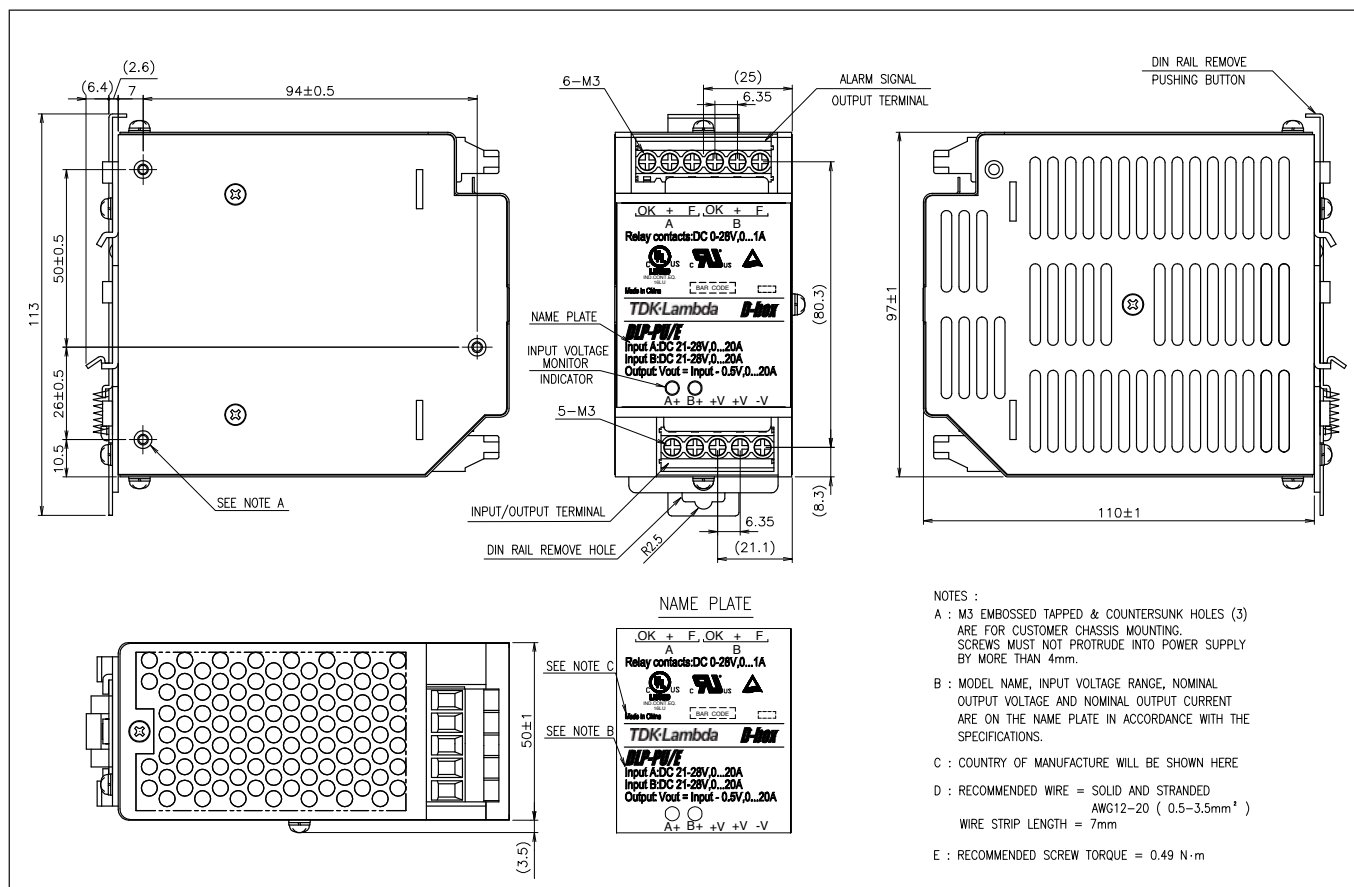
- Allows Redundant Operating
- Enables System Scalability
- Remote Alarm Notification
- Easier System Integration

Specifications

ITEMS		MODELS	DLP-PU/E
Input Voltage Range	VDC		21 - 28
Number of inputs	-		Two
Maximum Input Current	A		20 per input
Maximum Output Current	A		20
Overcurrent protection	-		None
Voltage Drop	VDC		0.5
Maximum Reverse Voltage	VDC		35
LED Indicators	-		Two green LEDs indicating each input is "good"
Input Voltage Alarm	-		Relay off when input is <19.2V ($\pm 1\%$) 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	°C		-10 to +70, derate linearly to 60% from 60 to 70
Storage Temperature	°C		-30 to +85
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	-		UL60950-1, CSA60950-1, EN60950-1, UL508, CSA22.2 No.14, EN60529 IP20, EN50178 Cat 1
Size	mm/in		50 x 97 x 110, (1.97x 3.81 x 4.33)
Weight	g		470
Warranty	yrs		3 Years

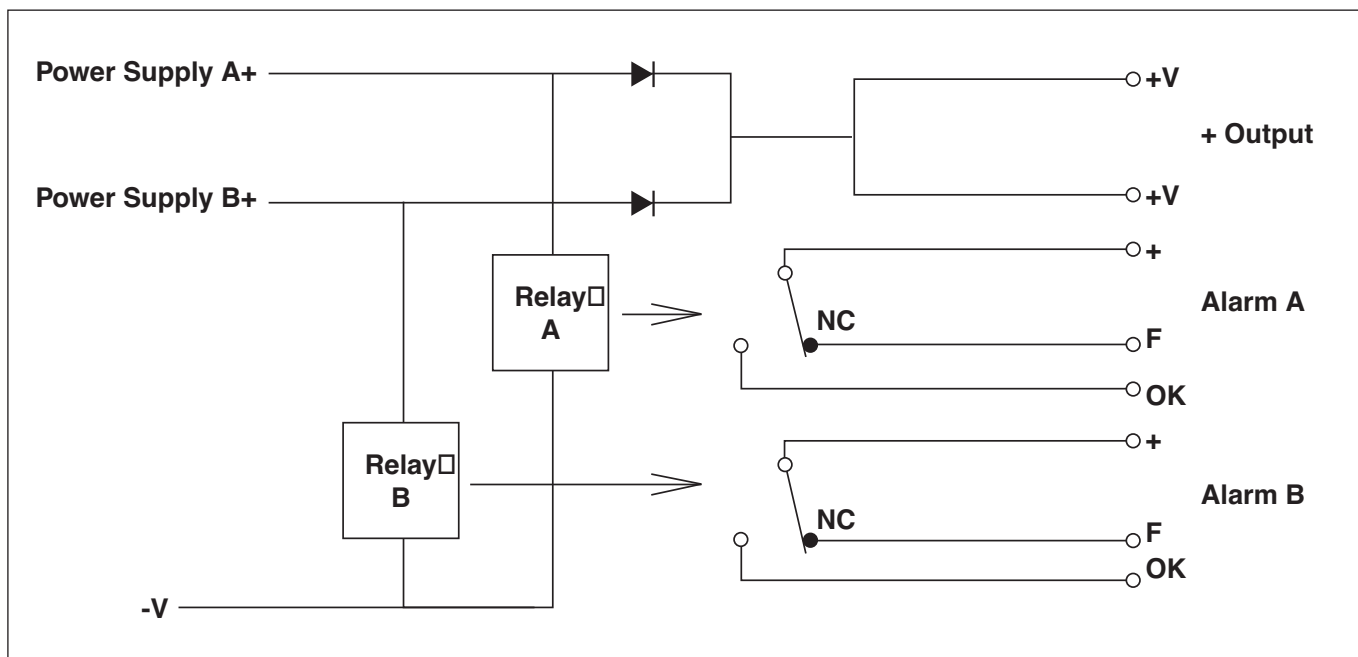


Outline Drawing DLP-PU Series





Block Diagram DLP-PU Series



For full data and drawings please visit
www.emea.tdk-lambda.com/www/dlp



TDK-LAMBDA EMEA

www.emea-tdk-lambda.com



TDK-Lambda France SAS

ZAC des Delaches
BP 1077-Gometz-le-Chatel
91940 LES ULIS
France
Tel: +33 1 60 12 71 65
Fax: +33 1 60 12 71 66
france@fr.tdk-lambda.com
www.fr.tdk-lambda.com



TDK-Lambda Germany GmbH

Karl-Bold-Strasse 40
77855 Achern
Tel: +49 7841 666 0
Fax: +49 7841 5000
info.germany@de.tdk-lambda.com
www.emea.tdk-lambda.com



TDK-Lambda Italy S.r.l.

Via dei Lavoratori 128/130
20092 Cinisello Balsamo (MI)
Italy
Tel: +39 02 61 29 38 63
Fax: +39 02 61 29 09 00
info.italia@it.tdk-lambda.com
www.it.tdk-lambda.com



TDK-Lambda Austria Sales Office

Aredstrasse 22
2544 Leobersdorf
Tel: +43 2256 655 84
Fax: +43 2256 645 12
info.germany@de.tdk-lambda.com
www.emea.tdk-lambda.com



TDK-Lambda Scandinavia Sales Office

PO Box 546
Rallarvägen 41
184 40 Åkersberga
Sweden
Tel: +46 854 084 990
Fax: +46 854 066 096
info.germany@de.tdk-lambda.com
www.emea.tdk-lambda.com



TDK-Lambda UK Ltd.

Kingsley Avenue
Ilfracombe
Devon EX34 8ES
United Kingdom
Tel: +44 (0) 12 71 85 66 66
Fax: +44 (0) 12 71 86 48 94
powersolutions@uk.tdk-lambda.com
www.uk.tdk-lambda.com



Nemic Lambda Ltd.

Kibbutz Givat
Hashlosha 48800
Israel
Tel: +9 723 902 4333
Fax: +9 723 902 4777
info@nemic.co.il
www.nemic.co.il



TDK-Lambda Americas Inc.

Low Power
3055 Del Sol Blvd
San Diego CA 92154
USA
Tel: +1 800-LAMBDA-4 or 1-800-526-2324
Tel: +1 619-575-4400
Fax: +1 619-429-1011
www.us.tdk-lambda.com/lp/



TDK-Lambda Corporation

5F Dempa Bldg. 1-11-15
Higashi-Gotanda
Shinagawa-Ku
Tokyo 141-0022
Japan
Tel: +81 3 3447 4693
Fax: +81 3 3447 4750
www.tdk-lambda.com

High Power
405 Essex Road Neptune NJ 07753
USA
Tel: +1 732 922 9300
Fax: +1 732 922 1441
www.us.tdk-lambda.com/hp/

LOCAL DISTRIBUTION