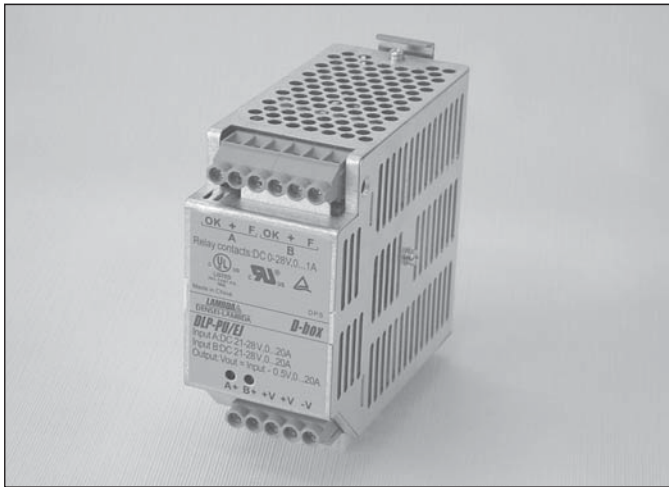


# DLP-PU SERIES

## Redundancy & Alarm Module: 24V 20A



### Features

- Dual input : 24Vdc (A & B)
- Suitable for **n+1** redundancy applications of 24VDC power systems ...built-in isolation diodes
- Alarm relay, isolated contact outputs, N/C, Com, N/O, closed = input DC OK
- DIN Rail or Panel mounting
- Dual front panel LEDs for DC OK
- Safety approvals
- Can be used with any 24VDC power supply or DC-DC converter

### Description

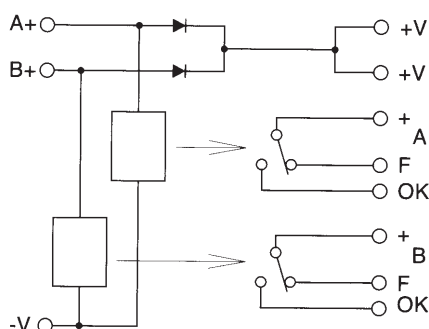
The DLP-PU/EJ is a dual power diode unit, receiving 24DC volts from two redundant sources of power delivering a common 24V power supply at the two +VE output terminals connected in parallel. The -VE return terminal is used for powering the internal supervisory logic circuits only.

The load is connected to one or both of the power output +VE terminals. Each one of these terminals can be continuously loaded with 20 Amperes.

Each power inlet is supervised. For voltages above a certain predetermined level a relay is activated closing a galvanically free contact, + to OK (Normally Open, N/O).

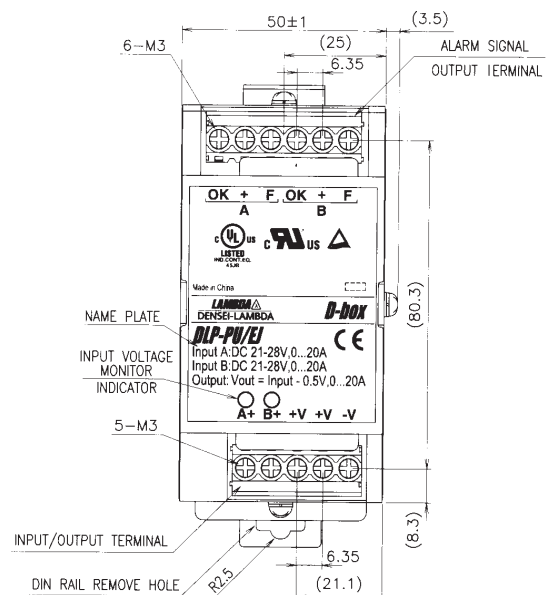
The relay also has a Normally Closed, N/C contact set, eg. + to F (Fail).

The DLP-PU is also equipped with two green LEDs, lighting simultaneously with the respective activated relay.



### Specifications

<b>INPUT VOLTAGE:</b>	24VDC (21~28)
<b>NUMBER OF INPUTS:</b>	Two (A & B)
<b>INPUT CURRENT:</b>	Combined for two inputs, A & B @ 20A
<b>OUTPUT CURRENT:</b>	Maximum 20A total
<b>EFFICIENCY:</b>	97%
<b>VOLTAGE DROP:</b>	Input - Output 0.5 VDC
<b>REVERSE OUTPUT VOLTAGE:</b>	35 VDC
<b>PROTECTION:</b>	Overload: None Overvoltage: None
<b>INPUT VOLTAGE MONITOR:</b>	A & B inputs: LED indicator A & B inputs: DC OK relay contact Alarm
<b>INPUT VOLTAGE ALARM:</b>	19.2 VDC ±1% Low Alarm 30 VDC ±5% High Alarm
<b>RELAY CONTACTS:</b>	28VDC 1A or 120 VAC 0.5A rating
<b>OPERATING TEMPERATURE:</b>	-10°C to +60°C at 100% load, +70°C at 60% load
<b>COOLING:</b>	Convection cooled
<b>ISOLATION VOLTAGE:</b>	Input/Output - FG: 500VAC
<b>SAFETY:</b>	EN60950, UL1950, EN60529 IP20 cat.
<b>EMI:</b>	N/A
<b>WEIGHT:</b>	470g
<b>DIMENSIONS:</b>	50 x 97 x 110mm (W x H x D)
<b>MOUNTING:</b>	DIN rail or Panel Mount
<b>CONNECTOR:</b>	Screw terminal



(Unit: mm).