



ANIMAL-CENTRIC LIGHTING SYSTEMS

LDU Transformer, 48V



- *Easy installation*
- *Temperature controlling fan ensures longevity*
- *Metal enclosure available, allowing for use in any harsh environment*
- *Voltage stabilization*

Invest in the quality of your lighting system

The LDU Transformer, 48V power supply is suitable for controlling LED circuits when using a resistor to decrease voltage. It offers an advanced 115—240V, 50 / 60HZ output with a setting range of either 12.5—48VDC or 15—48VDC.

This transformer features a temperature controlling fan and can easily be installed with or without our NTB metal wall box, ensuring longevity in any type of environment.

Visit our website for more information: www.once.lighting

Specifications and Ordering

LDU Transformer, 48V Specifications

Nominal power	300W at 230VAC 225W at 155 VAC
Input voltage	115VAC - 240VAC
Input frequency	50/60 Hz
Power input	2.2W
Power output	15-48VDC, 6.7A maximum
Power consumption tolerance	+/- 5%
Power Factor	0.95/230VAC 0.98/115VAC
Inrush current	-
Inrush time	40A @230 V / 20A @ 115V
Electrical protection	Overload, under voltage
Control interface	Potentiometer 10kOhm or external computer signal 0 – 10VDC
Warranty period	3 Years
HS-Code	85044082
Country of origin	People's Republic of China

Ordering Information

LDU Transformer, 48V | 929002100303

Operating and Mechanical Specifications

Operating temperature	-10°C to 50°C / 14°F to 122°F
Maximum devices	-
Connection	Screw terminals
Diameter	-
Height	50mm
Length	215mm
Width	115mm
Mount	Mounting tab / screw
Housing material	Steel
Color	Gray

Safety and Certifications

Electrical protection	Overload, under voltage
Alarms	Overload, under voltage - red LED
CE mark	Yes
RoHS compliant	Yes
CB	Yes
SASO (Saudi Arabia)	-
NOM (Mexico)	-
CCC (China)	Yes
ANATEL (Brazil)	-
Local Certifications	-
Flammability mark	-
IEC protection class	Class II
IK impact rating	K01
IP code	IP20

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