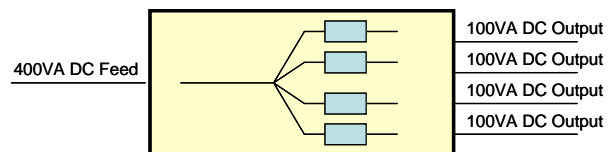


Special Features

- MultiLINQ generates four NEC Class 2 rated constant voltage outputs from a single DC input
- Microprocessor controlled protection circuitry
- Low dissipation control (>98% efficient)
- IP67 Rated
- Wide Input Voltage Operation
- Input Reverse Polarity Protection
- Blue POWER OK LED and Red FAULT LED
- Auxiliary Fault alarm
- Long Life, Low Cost
- Patent Pending

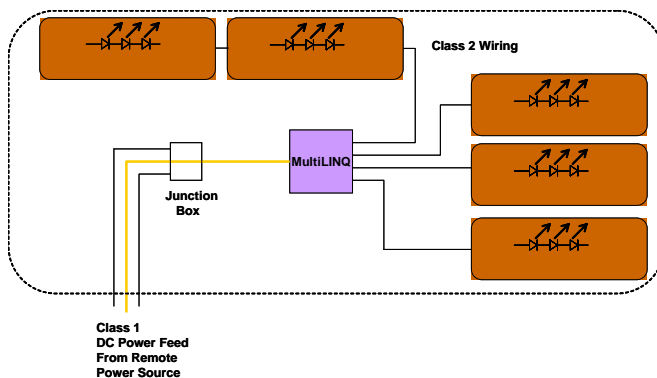


Applications and Benefits

MultiLINQ is designed for powering low voltage light fixtures that require a Class 2 limited power input. It is ideal for installations requiring multiple Class 2 power sources such as:

- Commercial Lighting
- Residential Lighting
- Signage

MultiLINQ generates multiple Class 2 constant voltage outputs, replacing low power AC-DC power supplies in the end product. The following diagram depicts a typical installation utilizing the MultiLINQ:



- Removes AC power from fixtures
- Reduces total quantity of AC-DC power supplies
- Reduces total material and installation cost
- Reduces maintenance costs
- Simplifies installations
- Simplifies certification process
- Smaller and lighter than the AC-DC power supplies it replaces
- Increases system reliability

Input and Output Specification

Input Voltage: 6VDC to 28VDC from a Class 1, SELV Source

Input Current: 20A Maximum

Isolation: 500VDC input and output to chassis

Output Voltage: Follows input voltage within 200mV

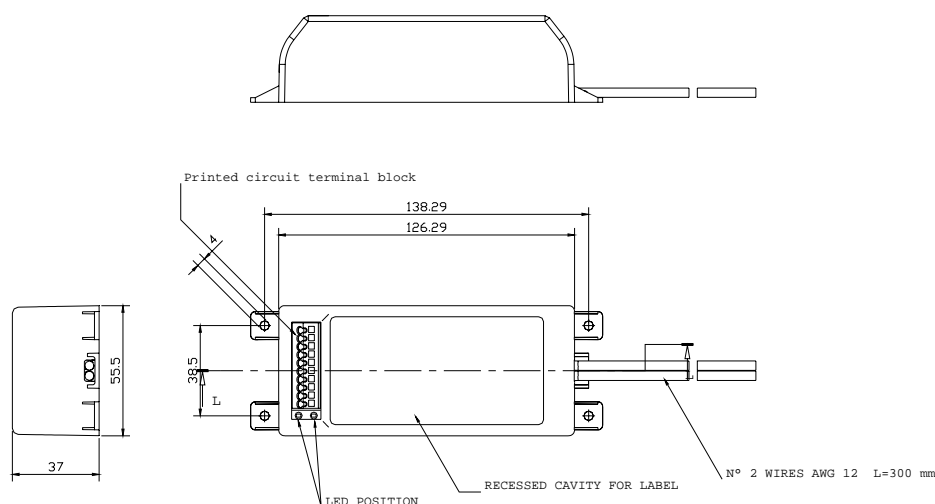
Output Rating: 100VA per channel at >20VDC

Output current limited to 5A maximum per channel at <20VDC



Mechanical

Enclosure:	Plastic, watertight assembly
Dimensions (LxWxH):	126.3mm x 55.5mm x 37.0mm (4.97" x 2.20" x 1.46")
Input Connection:	Flying leads, 12AWG, 300mm long
Output Connections:	Screwless Terminal Block
Outline Drawing:	



Environmental

Operating Temperature:	-30C to +65C
Storage Temperature:	-40C to +85C
Cooling:	Convection cooled
Ingress Protection:	IP67
Suitable for wet locations	

Safety Agency Approvals

UL60950 Listed in accordance with Low Power System (LPS) requirements. Equivalent to NEC Class 2.

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