

Overview

- Dimmable Constant voltage
- Active power factor correction
- Compliant to IEC623860-101,102,207
- 2-100% Dimming range
- Nominal life 50,000 hours
- 5-year guarantee
- Australia/New Zealand Certification



Ordering Information

Part Number:

HDL-CV-300-12-HPF



Electrical

Input:

- 240V, 50Hz
- Power Factor >0.95 @ full load
- Flex: 1M 0.75mm² 3 core c/w plug top
- THD: <15%
- Dielectric strength: 3000V
- Inrush current: tba
- Earth leakage current: tba
- MCB B curve: (6A, 10A, 16A) tba
- MCB C curve: (6A, 10A, 16A) tba

Electrical

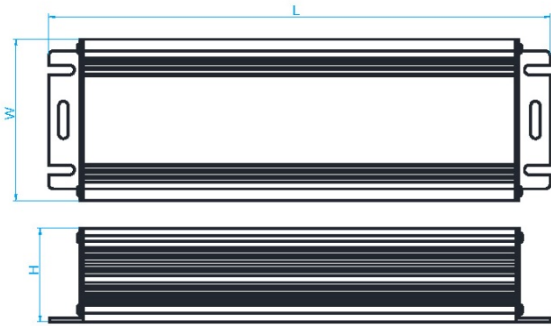
Output:

- 300W, 12V, 25,000mA
- Flex: 0.2M 1.5 mm² 2 core
- ≥ 89% efficiency @ full load
- 2-100% dimming range

Mechanical

- Extruded aluminium housing
- Epoxy Potted
- Dimensions (mm): 250 x 72 x 42
- Weight (grammes): 1300

Line Drawing



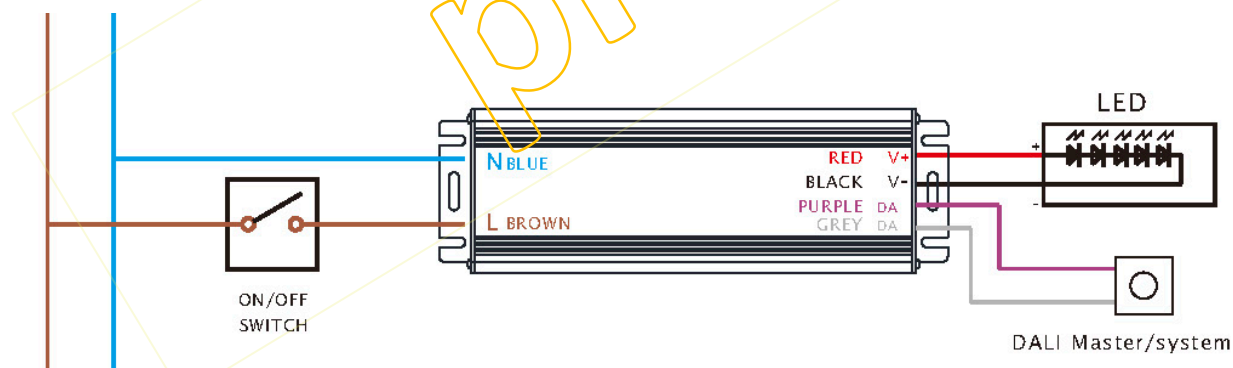
Protection

- Class II
- IP67 protection rating
- Fully isolated (input/output)
- Short circuit with auto reset
- Over-voltage with auto reset
- Over-temperature with auto reset

Safety

- RCM Mark applied

Wiring Diagram



Thermal

- Ta rating -30°C to +45°C