



## MVD100 SERIES 12 OR 24 VDC OUTPUT



### FEATURES / BENEFITS

- ▲ Constant DC voltage output
- ▲ Models available for universal (85-265V) input voltage or European input voltages
- ▲ Small size - Light weight
- ▲ Thermal, short-circuit & overload protected
- ▲ IP67 rated

### ELECTRICAL SPECIFICATIONS

- ▲ Converter meets CE standards
- ▲ Approval by UL as a Class 2 recognized component pending
- ▲ VDE & VDE EMV pending
- ▲ Complies to FCC Class B / EN 55015
- ▲ Harmonics = EN 61000-3-2
- ▲ ESD = IEC61000-4-2
- ▲ EMC Immunity = IEC61000-4-3
- ▲ Burst = IEC61000-4-4
- ▲ Surge = IEC61000-4-5
- ▲ Injected RF = IEC61000-4-6
- ▲ Mains interruption = IEC61000-4-11
- ▲ Immunity = EN 61547 / 61047
- ▲ Safety = EN 61347-2-2

### OPERATING CONDITIONS

- ▲ Maximum ambient temperature = 50°C
- ▲ Maximum case temperature = 90°C

### PART NUMBERS

| Part Number  | Output | Mechanical Dimensions                          | Weight           | Input Voltage |
|--------------|--------|------------------------------------------------|------------------|---------------|
| MVDU100-12-P | 12 VDC | 9.06" x 2.56" x 1.65"<br>(230mm x 65mm x 42mm) | 28.2 oz (0.8 kg) | 85 - 265 V    |
| MVDU100-24-P | 24 VDC | 9.06" x 2.56" x 1.65"<br>(230mm x 65mm x 42mm) | 28.2 oz (0.8 kg) | 85 - 265 V    |
| MVDE100-12-P | 12 VDC | 9.06" x 2.56" x 1.65"<br>(230mm x 65mm x 42mm) | 28.2 oz (0.8 kg) | 220 - 240 V   |
| MVDE100-24-P | 24 VDC | 9.06" x 2.56" x 1.65"<br>(230mm x 65mm x 42mm) | 28.2 oz (0.8 kg) | 220 - 240 V   |

#### Dialight-Lumidrives Ltd.

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#### Dialight Corporation

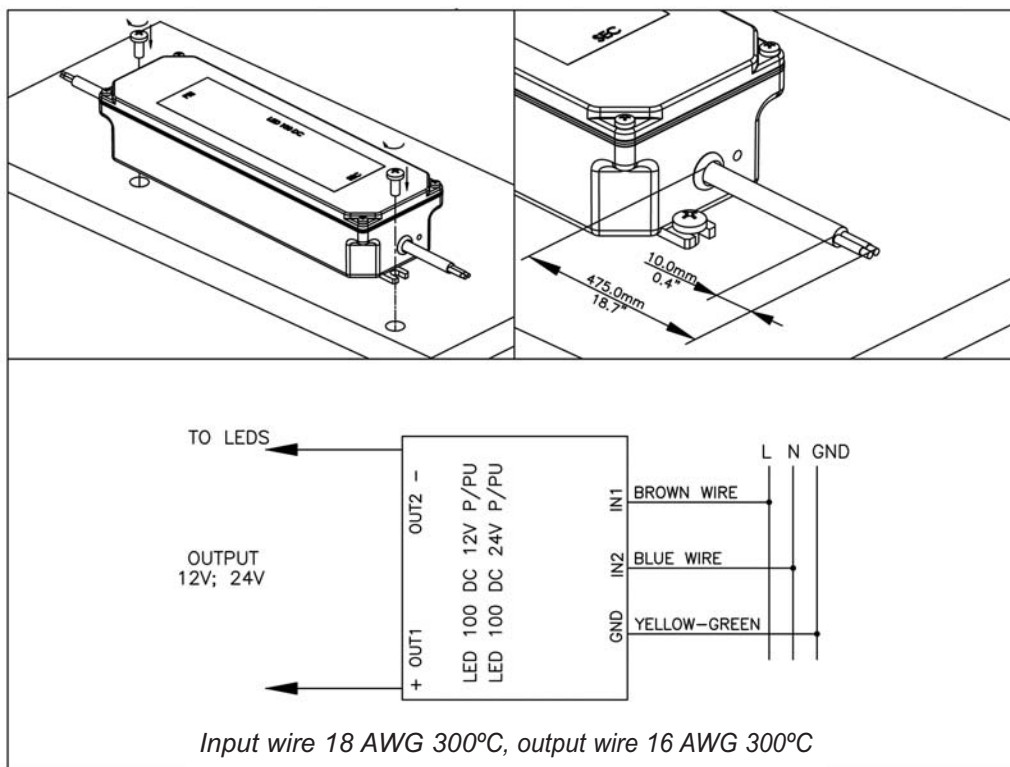
1501 Route 34 South • Farmingdale, NJ 07727 USA

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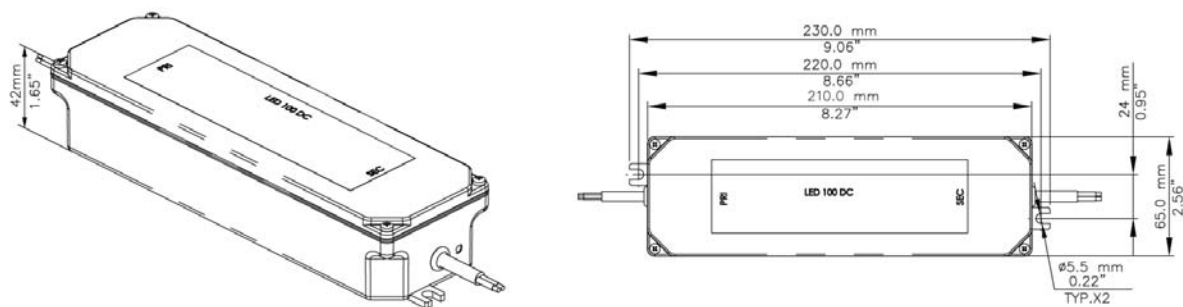


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### MOUNTING & WIRING INFORMATION



### MECHANICAL DIMENSIONS



Dialight reserves the right to make changes at any time in order to supply the best product possible.

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