**ADNM | NEMA 3 (DMX Color Mixing)**

Use with Tivoli RGB and RGBW products.

**Features**
- Switching electronic power supply
- Constant Voltage
- Universal input voltage: 100-277V AC
- Single and multiple 12V or 24V DC outputs
- NEMA 3R Rain-tight enclosure for wet locations
- 5 year warranty

**Environmental**
- MTBF: 100,000 hrs. at full load and 25°C
- Operating temperature: -40°C - +80°C (Full load)
- Storage temperature: -65°C - +90°C
- Heat dissipation: Convection

**Ordering Information**

### Single Sub-Controller (controls all circuits)

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>CAT NO</th>
<th>APPLICATION</th>
<th>PRIMARY VOLTAGE</th>
<th>SECONDARY VOLTAGE</th>
<th>CIRCUIT BREAKERS</th>
<th>MAX LOAD</th>
<th>CIRCUIT CAPACITY</th>
<th>DIMENSION</th>
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<tbody>
<tr>
<td>ADNM Series Class 2 Transformer</td>
<td>ADNM-60-1-5-12-DIN</td>
<td>INDOOR / OUTDOOR</td>
<td>100-277V AC %50 Hz</td>
<td>12V DC</td>
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<td>60W</td>
<td>5A</td>
<td>6&quot;W X 8&quot;L X 4&quot;D</td>
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<td>1</td>
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<td>4A</td>
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**ADNM-60-1-5-12-DIN**
- 100-277V AC / 12V DC, 60W /1 CIRCUIT X 5A
- ADNM-90-1-4-24-DIN
- 100-277V AC / 24V DC, 90W /1 CIRCUIT X 4A
- Box Size: 6"W X 8"L X 4"D (NEMA 3)

*Not suitable for RGBW

**ADNM-80-1-5-12-DIN**
- 100-277V AC / 12V DC, 60W /1 CIRCUIT X 5A
- ADNM-120-1-4-24-DIN
- 100-277V AC / 24V DC, 96W /1 CIRCUIT X 4A
- Box Size: 12"W X 12"L X 4"D (NEMA 3)

**Mechanical Specification**
- Steel enclosure
- Bracket mount and ½” knockouts for conduit and fittings

**Electrical Data**
- Secondary circuit maximum protection for Class 2 circuits: 4A, 24V DC and 5A, 12V DC
- Voltage regulated
- Voltage regulated +/-3%
- Auto overload / short circuit / over voltage protection

**Troubleshooting Diagram**

**Power Supply**

**RGB Sub-Controller**

**To Luminaires**

**Power Supply**

**To Luminaires**

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ADNM NEMA 3 (DMX Color Mixing)

ADNM Series Class 2 Transformer

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Multi Sub-Controller (separate control of each circuit)

To Luminaire (2 Circuits)

To Luminaire (3 Circuits)