AST - 4 EXPLOSION-PROOF STROBE WARNING LIGHT
FACTORY SEALED, DUST-IGNITION-PROOF

COMPLIANCE:
Class I - Div. 1 and 2, Groups C, D
Class II - Div. 1 and 2, Groups E, F, G
Class III - CSA Encl. 3, Temp Code T6
*Note: Group B Available - See Ordering Information

APPLICATIONS:
- CSA approved for class 1 - div. 1 and 2, groups C, D atmospheres
- indicator of operating conditions on remote equipment or as a warning of impending malfunction of pumps or machinery
- to warn of personal hazards - high noise levels or hard hat areas
- marine applications include helicopter landing pad lights and navigation beacons in classified areas
- globe down mounting only

FEATURES:
- solid state power supply
- low power consumption (12 watts)
- intensity 2,000,000 candlepower (peak)
- clear impact and heat resistant prismatic glass globe with inner lens
- copper-free cast aluminum fixture with a baked epoxy finish for superior corrosion resistance
- designed for intermittent visual signalling as well as longer duration signalling applications
- flash rate - 60 flashes/minute - alternate flash rate available
- flash tube life - minimum 10 million flashes at 60 flashes/minute
- factory sealed - all joints are flame tight
- weatherproof

* New - 50°C starting and operating temperature
Note: Performance tested to start and operate at -50°C

LISTED
15UD
Visual Signal Appliance, Fire Alarm for Use in Hazardous Locations
15 - 30 VDC input - 4 wire Clear Lens Only
21 - 30 VDC Sync Input - 4 wire Clear Lens Only

Applied Strobe Technology Company Limited
INDUSTRIAL STROBE WARNING LIGHTS
8345 Stanley Avenue, Niagara Falls, Ontario, Canada L2G 0C8 905-374-3077, Fax 905-374-6114

e-mail: sales@appliedstrobe.com  www.appliedstrobe.com
Operating Temperature Range
-40°C to +85°C (AST-4-S)
-50°C to +85°C (AST-4-L)

Electrical Ratings

<table>
<thead>
<tr>
<th>Supply Voltage Range</th>
<th>Frequency</th>
<th>Current Range [avg]</th>
<th>Current [max]</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 to 120 VAC 50/60Hz</td>
<td>118 A to .390 A</td>
<td>250 A</td>
<td></td>
</tr>
<tr>
<td>220 to 250 VAC 50/60Hz</td>
<td>42 A to .055 A</td>
<td>220 A</td>
<td></td>
</tr>
<tr>
<td>10 to 30 VDC</td>
<td>8 A to .4 A</td>
<td>130 A</td>
<td></td>
</tr>
<tr>
<td>20 to 30 VDC</td>
<td>360 A to .300 A</td>
<td>620 A</td>
<td></td>
</tr>
<tr>
<td>50 to 300 VDC</td>
<td>175 A to .030 A</td>
<td>250 A</td>
<td></td>
</tr>
<tr>
<td>220 to 250 VDC</td>
<td>270 A to .025 A</td>
<td>220 A</td>
<td></td>
</tr>
<tr>
<td>15 to 30 VDC</td>
<td>8 A to .4 A</td>
<td>130 A</td>
<td></td>
</tr>
<tr>
<td>21 to 30 VDC</td>
<td>5 A</td>
<td>130 A</td>
<td></td>
</tr>
</tbody>
</table>

Net Weight: 13.6 lbs (with PM-75)

Ordering Information

<table>
<thead>
<tr>
<th>Model No</th>
<th>Input Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>AST-4-90-130-AC</td>
<td>90 - 130 VAC</td>
</tr>
<tr>
<td>AST-4-220-250-AC</td>
<td>220 - 250 VAC</td>
</tr>
<tr>
<td>AST-4-10-30-DC</td>
<td>10 - 30 VDC</td>
</tr>
<tr>
<td>AST-4-90-130-DC</td>
<td>90 - 130 VDC</td>
</tr>
<tr>
<td>AST-4-220-250-DC</td>
<td>220 - 250 VDC</td>
</tr>
<tr>
<td>AST-4-50-60-DC</td>
<td>50 - 60 VDC</td>
</tr>
<tr>
<td>AST-4-L15-30-DC</td>
<td>15 - 30 VDC</td>
</tr>
<tr>
<td>AST-4-Sync-21-30-DC</td>
<td>21 - 30 VDC</td>
</tr>
</tbody>
</table>

NOTE: * - S for standard temperature range and - L for low temperature range

Lens Colors

AM - Amber Lens
BL - Blue Lens
RE - Red Lens
GR - Green Lens
CL - Clear Lens
PU - Purple Lens

Mounting Options

Pendant
One Hub PM-75 3/4 HUB

Ceiling
Four Hubs and three close-up plugs CM-75 3/4 HUB

Long Bracket
Four Hubs and three close-up plugs LBM-75 3/4 HUB

Short Bracket
Two Hubs and one close-up plugs SBM-75 3/4 HUB

Guard
CG - Cast Guard

*Note: For Group B Fixture add -GB to the part No.

Ordering Example

AST-4-S-10-30-DC-RE-PM-75

ULC Approved

AST-4-L15-30-DC-CL-PM-75-ULC
AST-4-Sync-21-30-DC-CL-PM-75

Replacement Parts

Circuit Board

<table>
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<tbody>
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<td>220 - 250 VDC</td>
</tr>
<tr>
<td>AST-4-50-60-DC</td>
<td>50 - 60 VDC</td>
</tr>
<tr>
<td>AST-4-L15-30-DC-Board-ULC</td>
<td>15 - 30 VDC</td>
</tr>
<tr>
<td>AST-4-Sync-21-30-DC-Board-ULC</td>
<td>21 - 30 VDC</td>
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Flash Tube

AST-FT 3050 Flash Tube

Lenses

AST-4-Lens-RE Red Lens
AST-4-Lens-AM Amber Lens
AST-4-Lens-BL Blue Lens
AST-4-Lens-GR Green Lens
AST-4-Lens-CL Clear Lens
AST-4-Lens-PU Purple Lens

EXPLOSION PROOF STROBE