Waterproof Dynamic
Up to IP67/69K when used in the mated condition

Perfect for Indoor/Outdoor Applications
Thermoplastic Shell
Low Profile Housing

Sealing Achievable with:
Cable Jacket
Individual Wires

Shell Sizes Available
8, 10, 12, 14, 16 & 18
24 Insert Arrangements

UV/Corrosion Resistant
Salt Spray ≥ 500 Hours

Flammability Rating
UL94-VO

Economical and Flexible
Power, Mixed Power & Signal Layouts

Quick Reliable Mating
Bayonet Rapid Coupling System
1/3 Turn w Audible/Tactile “Click”

Receptacle Options
In-Line
Jam-Nut
Square Flange

Visual Identification
Colored Rings Available

Wide Ranging Contact System
Machined
Stamped & Formed
PCB Contacts
RADSOK®

ecomate® Aquarius™ contacts are fully compatible with ecomate® RM (Rugged Metal), providing significantly increased product flexibility.

Design based on MIL-DTL-26482

UL ETCB2 & UL ETCB8 Pending

Applications
Solar Energy – Power
Off-Road – Mining, Railway, Marine
Instrumentation – Measurement, Water Metering
Building Automation - HVAC, Lighting, CCTV
Telecom – Data Infrastructure
Traffic Control
### ecomate® Aquarius™ - Technical Specifications

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<tbody>
<tr>
<td>IP67/69K</td>
<td>UL94-VO</td>
<td>Gas, oil, mineral oil, acid bath, basic bath</td>
<td>RoHS ALL materials meet the requirements of the European Directive 2002/95/EC, Issue 13.2.2003</td>
<td>UL ETCB2 &amp; UL ETCB8 Pending</td>
<td>-40°C to +105°C</td>
<td>45A</td>
<td>500V</td>
<td>#16 &lt;6 mΩ, #20 &lt;15 mΩ, 2.5mm &lt; 5 mΩ</td>
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### Min. Mating Cycles

- >500 mating cycles per MIL-C-26482

### Vibration

- 10-2000 Hz, level of 20 G’s

### Test Voltage Rating

- 1500V or 2000V

### Overvoltage Category

- III

### Strain Relief Clamp Range

- 1.5 - 14.0mm

### Wire Range

- 28-12AWG

### Housing Body

- Thermoplastic UL94-VO

### Insulation Resistance

- 5000 megohms min. of 25°C

### Contacts

- Copper Alloy (Gold, Tin & Silver Plating are available)

### Sealing Material

- SR/NBR

### Thermal Shock

- No cracking, chipping or leaking after 20 test cycles from -55°C to 125°C

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**For more information:** Customer Service Toll-Free +1 800 394 7732 or csr@amphenol-sine.com

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