AMPSEAL 16 HYBRID LEVER

28 Position

TE Connectivity’s AMPSEAL 16 hybrid lever is a sealed connector system that features a lever slide mechanism for mating and a slide in mounting clip. The mix of 24 size 16 and 4 size 12 terminals creates design flexibility for use in various vehicle applications.

The tool-less mounting design, environmental protection, and temporary panel retention latches (which temporarily hold the connector in place for one person mounting through the panel) all reduce application cost and assembly time.

FEATURES

• Hybrid pin out arrangement; size 16 and size 12 terminals
• Lever slide mating mechanism
• Keying options
• Same wire cover for plug and cap
• Mounting clips for different panel thickness
• Drop-and-slide mounting clip
AMPSEAL 16 Hybrid Lever

APPLICABLE DOCUMENTS

Specifications

108-32036 - Product Specification
114-32117 - Application Specification (Connector)
501-32026 - Qualification Test
114-13045 - Application Specification (HDSF contacts)
0425-208-0000 - Crimp Information (Stamped & formed contacts, 12-14 AWG)
0425-041-0000 - Crimp Information (Stamped & formed contacts, 10 AWG)
0425-205-0000 - Crimp Information (Solid contacts)

APPLICATIONS

• Pass Through/Bulkhead
• Wire to Wire/Bracket Mount

SPECIFICATIONS

Electrical

Withstanding Voltage: 2100 VDC
(at sea level)
Insulation Resistance: 20 MΩ
(at 1000 VDC)

Environmental

Immersion: Depth of 1 m, per SAE J2030
Pressure Washing: per SAE J2030

Mechanical

Mating Force: 90 N max
Polarization Effectiveness: 178 N min
Connector Retention: 444 N min
Terminal Retention: 111 N min
Mating Cycles: 50 max
Operating Temperature: -55°C to 125°C

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plug assembly, A key</td>
<td>2138839-1</td>
</tr>
<tr>
<td>Plug assembly, B key</td>
<td>2138839-2</td>
</tr>
<tr>
<td>Cap assembly, A key</td>
<td>2138846-1</td>
</tr>
<tr>
<td>Cap assembly, B key</td>
<td>2138846-2</td>
</tr>
<tr>
<td>Wire cover</td>
<td>2138853-1</td>
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<tr>
<td>Mounting clip, 5 mm panel</td>
<td>2138852-1</td>
</tr>
<tr>
<td>Mounting clip, 4 mm panel</td>
<td>2138852-2</td>
</tr>
<tr>
<td>Mounting clip, 3 mm panel</td>
<td>2138852-3</td>
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</tbody>
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PRODUCT SHEET

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