

Introducing

AMPSEAL 16 hybrid lever

TE Connectivity's AMPSEAL 16 hybrid lever connector system utilizes circular stamped and formed or screw machine terminals. The hybrid pin out arrangement is designed to provide the flexibility needed for various vehicle applications.

The connector system offers environmental protection by providing sealing to the wires, between the connector halves and to the panel. The design allows for the toolless mounting of the connector to the panel thus providing reduced application cost and time for customers.







KEY FEATURES

- Accepts circular stamped and formed or screw machine terminals.
- Hybrid pin out arrangement; mutiple terminal sizes in the same housing.
- Lever Slide mechanism for smooth mating and unmating.
- Sealed connector system; sealing to the wires, between connectors and to the panel.
- Toolless mounting and unmounting to the panel using the drop-and-slide mounting clip.
- Pre-staged TPA on the plug and cap assemblies.
- Toolless TPA removal on the plug assembly.
- Mechanical as well as color coded keying.
- Same wire cover can be used on the plug and cap assemblies.
- Different color mounting clips for different panel thicknesses providing easy identification and application.



APPLICATIONS

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

■ MECHANICAL

Mating Force: 90 N max.
Polarization Effectiveness: 178 N min.
Connector Retention: 444 N min.
Terminal Retention: 111 N min.
(size 12 and size 16)

Mating Cycles: 50 max.
 (gold plated terminals)

• Operating Temperature: -55°C to 125°C

■ ELECTRICAL

 Withstanding Voltage: 2100 VDC (at sea level)

Insulation Resistance: 20 MΩ (at 1000 VDC)

■ STANDARDS AND SPECIFICATIONS

- 108-32036
- 114-13045
 0425-208-0000
 0425-041-0000
 (for stamped and formed terminals)
- 0425-205-0000 (for solid terminals)

■ PRODUCT OFFERING

Part number	Part Name
2138839-x	Plug Assembly
2138846-x	Cap Assembly
2138852-x	Mounting Clip
2138853-x	Wire Cover



Tyco Electronics AMP GmbH
a TE Connectivity Ltd. company
AMPèrestrasse 12–14

64625 Bensheim Germany

Phone: +49 (0)6251 133-0 Fax: +49 (0)6251 133-1600 AMPSEAL 16, TE Connectivity and TE connectivity (logo) are trademarks.

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Fax: +49 (0)6251 133-1600 1654327 | 10-20

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