



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

APPLICATIONS

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

SPECIFICATIONS

Electrical

Withstanding Voltage:
(at sea level) 2100 VDC

Insulation Resistance:
(at 1000 VDC) 20 MΩ

Environmental

Immersion: Depth of 1 m, per SAE J2030

Pressure Washing: per SAE J2030

Mechanical

Mating Force: 90 N max

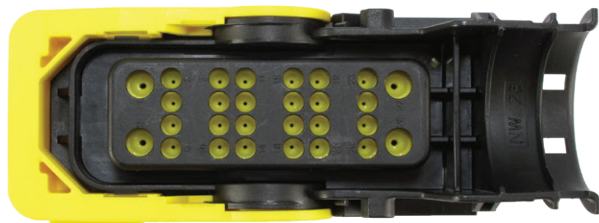
Polarization Effectiveness: 178 N min

Connector Retention: 444 N min

Terminal Retention:
(size 12 and size 16) 111 N min

Mating Cycles:
(gold plated terminals) 50 max

Operating Temperature: -55°C to 125°C



APPLICABLE DOCUMENTS

Specifications

108-32036 - Product Specification

114-32117 - Application Specification (Connector)

501-32026 - Qualification Test

114-13045 - Application Specification (HDSF contacts)

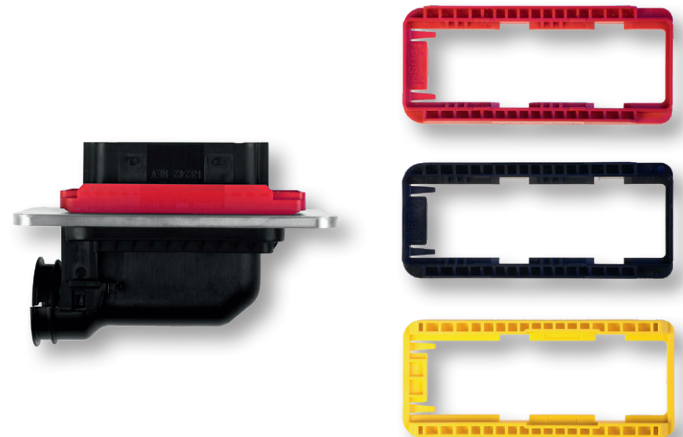
0425-208-0000 - Crimp Information (Stamped & formed contacts, 12-14 AWG)

0425-041-0000 - Crimp Information (Stamped & formed contacts, 10 AWG)

0425-205-0000 - Crimp Information (Solid contacts)

ORDERING INFORMATION

Description	Part Number
Plug assembly, A key	2138839-1
Plug assembly, B key	2138839-2
Cap assembly, A key	2138846-1
Cap assembly, B key	2138846-2
Wire cover	2138853-1
Mounting clip, 5 mm panel	2138852-1
Mounting clip, 4 mm panel	2138852-2
Mounting clip, 3 mm panel	2138852-3



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PRODUCT SHEET

TE Connectivity Industrial & Commercial Transportation

4849 Hempstead Station Drive
Kettering, OH 45429 USA

Tel 1-888-441-9982
www.te.com