



COMPACT SEAL SPLICE

RELIABLE PROTECTION AGAINST OUTDOOR CONDITIONS

Compact seal splice creates a robust wire-to-wire connection and protects the connection against harsh environments, including water and UV exposure. The splice features an ergonomic design with an insulation displacement contact (IDC) that provides an easy installation process. The transparent housing allows for visual confirmation of mating status, while color coded connectors reduce the risk of mis-mating. The compact seal splice also delivers design flexibility and safety, with a small size that can be installed in confined spaces and flame-resistant materials that meet UL 94 V-0 and glow wire test (GWT*) standards. This product is an excellent solution for harsh environment applications, including air conditioning, outdoor lighting, and indoor wet environments.

ELECTRICAL

- Max current: 20A
- Rated Voltage: 600V AC

MECHANICAL

- Wire Size: 18-12AWG
- Configurations: Wire-to-wire

MATERIALS

Housing

- Polycarbonate
- UL94 V-0
- GWT 750°C
- UL764C_F1
- IPX7

Contact

- Tin plated, copper alloy

PRODUCT COMPLIANCE CERTIFICATION

- UL486C

FEATURES

- Insulation displacement contact (IDC) provides more efficient installation
- IPX7 water proofing protects against wet environment
- Compact size supports use in small spaces
- UV F1 protection helps improve material lifetime by reducing UV degradation
- Transparent housing provides visible mating to help prevent half-mating
- Color coding indicates compatible wire size to help reduce mis-mating
- Flame resistant materials meet UL 94 V-0 and glow wire test (GWT*) safety standards
- Ergonomic design provides easier handling

ADDITIONAL INFORMATION

- Product Specification: [108-106569](#)
- Application Specification: [114-106569](#)
- Instruction Sheet: [408-106569](#)
- [Product Page](#)

APPLICATIONS



Air Conditioning Unit



Lighting



Indoor Wet Environment



Wiring Harness Field Repairs

*GWT refers to glow wire testing. For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#)

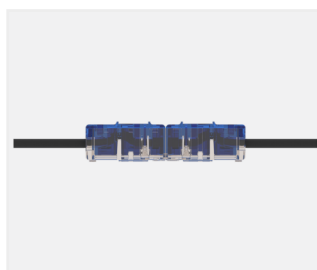
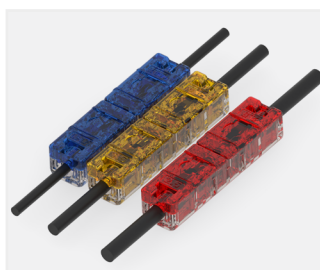
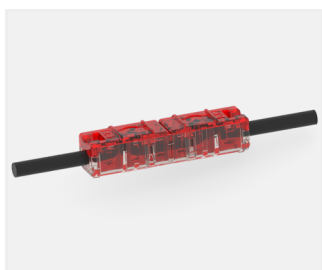
COMPACT SEAL SPLICE

PART LIST

Part Number	Part Description
2378100-1	Compact Seal Splice 12/14AWG, Seal, Red
2378100-2	Compact Seal Splice 14/16AWG, Seal, Orange
2378100-3	Compact Seal Splice 16/18AWG, Seal, Blue

APPLICATION TOOLING

Part Number	Part Description
2403668-1	Hand tool for Compact Seal Splice



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