

INTRODUCING COOLSPICE LARGE WIRE CONNECTORS

- Realize easy factory or field installation using independent push button termination for left and right side of the connector
- Save installation time and eliminate the need to pre-strip wires with insulation displacement technology (IDC)



TE Connectivity's (TE) CoolSplice connector portfolio has been expanded to include connectors suitable for larger wire sizes. All CoolSplice connectors allow for push button termination using a common pair of pliers. Both wires are terminated independently for ease of use. This feature allows for factory pre-termination of one wire and field termination of the second during installation. All CoolSplice connectors offer a gel-filled sealed version of the standard product, extending the use of CoolSplice connectors into harsh environment applications. The design includes a clear body material for visual inspection of the termination that helps to distinguish between the standard and sealed product. Red, yellow and blue color coded termination buttons take the guess work out of matching wire size to the appropriate connector.

BENEFITS

- Enable a waterproof solution with up to an IPX8 rated connector
- Realize easy factory or field installation using independent push button termination for left and right side of the connector
- Save installation time and eliminate the need to pre-strip wires with insulation displacement technology (IDC)
- Manage inventory with three part numbers to accommodate eight different wire combinations

ELECTRICAL

- UL Current / Voltage Rating;
 - 14 AWG: - 15A Max at 600 VAC
 - 16AWG: - 13A Max at 600 VAC
 - 18AWG: - 10A Max at 600 VAC
- Dielectric Withstand Voltage: 3400 VAC

MATERIALS

- Tin plated, copper alloy insulation displacement contacts
- UL 94V0 rated materials

STANDARDS & SPECIFICATIONS

- Product Specification: 108-133061
- Application Specification: 114-133061

MECHANICAL

- -40°C to +105°C continuous operating temperature
- IP30 , IPX5, IPX7 and IPX8 (2 hours, 1m under water) rating

APPLICATIONS

- Roadway, street and Area Lighting
- Signs and Building Façade Lighting
- Architectural Lighting
- Bridge and Tunnel Lighting
- Indoor Lighting Fixtures
- Wiring Harness Field Repairs

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