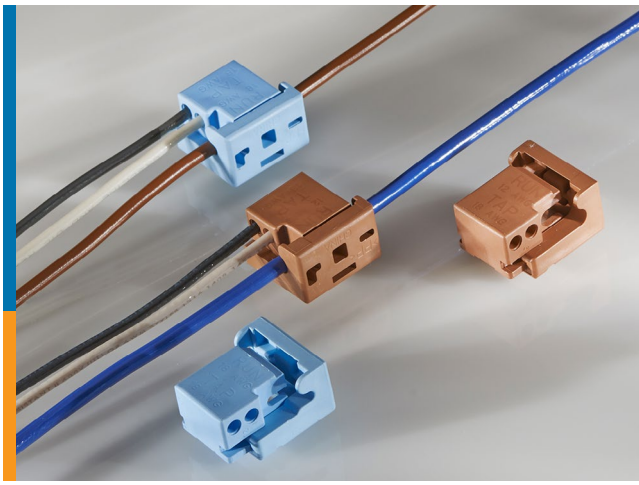
POKE-IN WIRE TAP IDC SPLICE



TE Connectivity's (TE) Poke-in Wire Tap IDC Splice accommodates factory and field termination of power wiring (tap) out to individual commercial ballast lighting fixtures. The IDC splice allows feed through connection to 12 AWG (4.0 mm^2) stranded and solid or 18 AWG (0.75 mm^2) solid THHN/THWN wire. The Poke-in wire tap accepts two, pre-stripped 18 AWG (0.75 mm^2) solid wires. The connectors are marked with the applicable wire size and are color-coded for easy identification. The pre-assembled, two-piece housings are comprised of one housing that retains the contacts while the other housing serves as the wire stuffer and provides strain relief to the wire after termination. This cost effective termination is accomplished using flat rock or common handheld tools.

Applications

- **Commercial Ballast Lighting Systems**

Electrical

- **Contact Current Rating:** 7A max
- **Operating Voltage:** 600 VAC max

Mechanical

- **Operating Temperature:** -55˚C to 105˚C
- **Tap wire retention force exceeds 10 pounds (4,5 kg)**

Specifications

- **Product Specification:** 108-2219 Wire Tap/Splice Connector
- **Application Specification:** 114-13151 IDC Splice/Poke-In Tap Connector
- **Instruction Sheet:** 408-2049-39 Electro-Tap/Poke-In Wire Connector

Materials

- **Contacts:** Tin plated copper alloy
- **Housing:** Thermoplastic
- **UL 94V-0 rated and RoHS Compliant**
- **UL 486C standard for splicing wire connectors**
- **C5A, C22.2, No. 188 wire connectors**

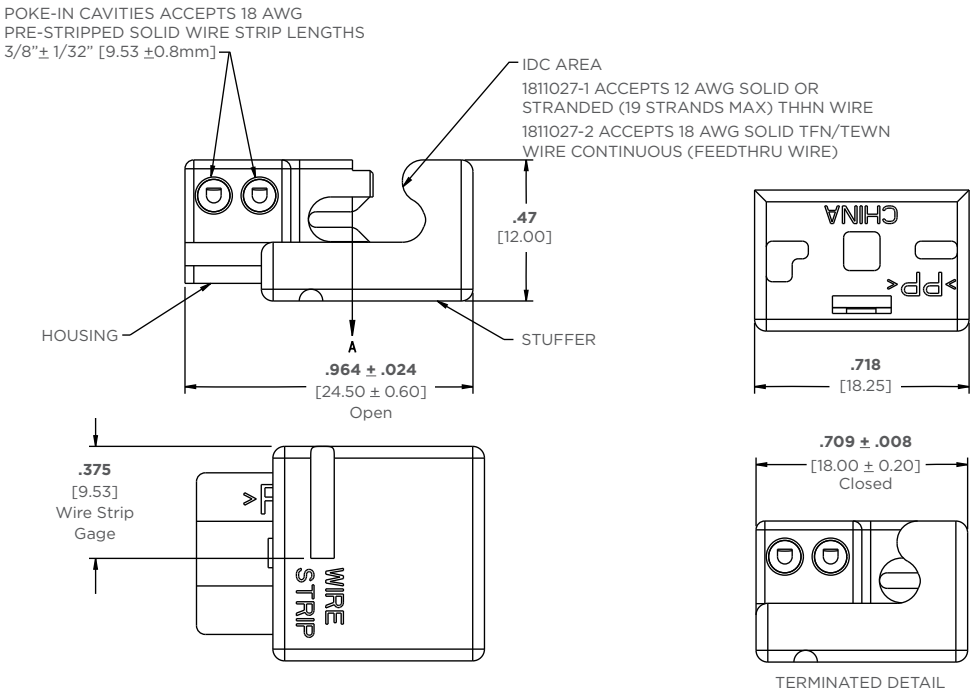
Key Benefits

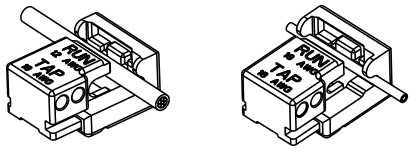
- Cost effective termination system for installation of ballast lighting systems
- IDC splice termination allows feed-through in 12 AWG (4.0 mm^2) stranded and solid or 18 AWG (0.75 mm^2) THHN/THWN
- Poke-in Wire Tap accommodates two (2) pre-stripped 18 AWG (0.75 mm^2) solid wires
- Run wire IDC termination with "Flat Rock" tooling or field terminated with common handheld tools
- Tap wire terminations are tool-free, "poke-in" wire trap design

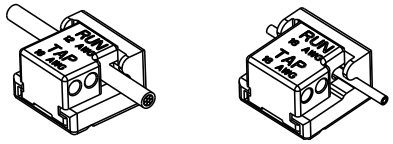
Product Selection Information

Part Number	Color	Run Wire	Run Connection	Tap Wire	Tap Connection
1811027-1	Brown	#12 AWG (solid or stranded)	IDC	#18 AWG (solid)	Poke-In
1811027-2	Blue	#18 AWG (solid)	IDC	#18 AWG (solid)	Poke-In

Dimensions







1811027-1 1811027-2

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