i-Clamp Insulation Displacement wire connectors provide a quick and secure method of connecting wires and devices. The i-Clamps easily pierce the wire insulation to make a tamper proof and reliable connection without the need to cut, strip or otherwise secure the wires.

i-Clamps minimize the time and labor of connecting wires. i-Clamps replace the use of wire nuts and electrical tape while providing a secure wire splice/connection that is not dependent on the skill level of the installer. Without having to strip or prepare the wires, installation time is dramatically reduced while connection security is enhanced.

i-Clamps are made from translucent Polycarbonate which makes these devices durable in shock and vibration environments as well as provide the ability to visually inspect the connections. Once secured, the connection is permanent and tamper proof without the need to worry about wire exposure or nuts and tape falling off over time.

Specifications:

- **Housing:** Polycarbonate, UL 94V-0
- **Contact/Jumper:** High Performance Copper alloy, Nickel Plate
  - For use with 10 - 22 AWG Insulated Wires
  - UL Listed

**One-Way Series**
- Wire Range: 12-14 AWG
- Quick/Easy Connection
- Visual Inspection
- Tamper Proof

**Two-Way Series**
- Wire Range: 20-14 AWG
- Unique Dual Channel clamp allows for fixture wiring to be installed at factory
- Wiring can be completed on location
- Visual Inspection
- Tamper Proof

**T-Series**
- Wire Range: 22-10 AWG
- i-Clamp hinges open to allow wire run to be feed thru without cutting or stripping
- Visual Inspection
- Tamper Proof

Easy to Use

**Step 1:**
Do not strip wires. Insert wires into the side until they bottom in the connector. Close the connector by hand and squeeze until the wires are held in place

**Step 2:**
Lock the connector using a pair of adjustable pliers. The top cover should be seated onto the base. Once closed, the connection is permanent and is tamper proof.
### i-CLAMPS – IDC CONNECTORS

#### One-Way Series

**For Splicing Lines**
- Wire Range: 14-12 AWG
- Quick/easy splice for up to four lines
- Splice can be visually inspected
- Tamper proof
- UL Listed

**Specifications:**
- **Housing:** Polycarbonate
- **Contact:** Copper, Nickel Plate
- **Voltage Rating:** 300 VAC

#### T-Series

**For Branching a Wire**
- Wire Range: 22-10 AWG
- i-Clamp hinges open to allow wire run to be tapped without cutting or stripping
- Splice can be visually inspected
- Tamper proof
- UL Listed

**Specifications:**
- **Housing:** Polycarbonate
- **Contact:** Copper, Nickel Plate
- **Voltage Rating:** 300 VAC

#### Two-Way Series

**For Adding Fixtures or Components**
- Wire Range: 14-12 AWG
- Dual Channel clamp allows for preassembly at factory to component leads
- Splice can be completed on site
- Tamper proof
- UL Listed

**Specifications:**
- **Housing:** Polycarbonate
- **Contact:** Copper, Nickel Plate
- **Voltage Rating:** 300 VAC

---

### Table: Wire Range Color UL File

<table>
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<th>CAT. NO.</th>
<th># OF WIRES</th>
<th>L</th>
<th>W</th>
<th>H</th>
<th>WIRE RANGE (IN/OUT)</th>
<th>COLOR CODE</th>
<th>CURRENT RATING</th>
<th>UL FILE NUMBER</th>
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<td>.945</td>
<td>.551</td>
<td>.445</td>
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<td>.862</td>
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</tr>
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</table>

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**Note:** Product suitability to your application must be determined prior to use. All appropriate electrical codes should be followed.

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**Installation Instructions:**
- [keyelco.com/1w.cfm](http://keyelco.com/1w.cfm)
- [keyelco.com/2w.cfm](http://keyelco.com/2w.cfm)
- [keyelco.com/ts.cfm](http://keyelco.com/ts.cfm)