Ferrule Applicator CA10

- Designed for use with continuously molded ferrules in reels of 3,000 – 5,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the PANDUIT CP-871 electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets terminate the entire ferrule line to provide fast product change over and reduction in setup time; dies sold separately

Housing material: Polypropylene
Flammability: UL V2
Ferrule material: Tin-plated copper
Temperature rating: 221°F (105°C)
RoHS: Compliant

Electric Bench Press CP-871

- For use with PANDUIT Universal Applicators and REEL SMART™ Continuously Molded Terminal and Ferrule products to provide a superior solution for quality, high volume terminations.
- CP-871 press has a microprocessor based controller and LCD that displays text messages and cycle count with multi-language capability
- Tool crimp height adjustment feature allows user to easily set and maintain desired crimp height for consistent performance
- Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership

For the full line of REEL SMART™ Termination Products refer to www.panduit.com or the Electrical Solution Catalog SA-ELCB03.

WORLDWIDE SUBSIDIARIES AND SALES OFFICES

For a copy of PANDUIT product warranties, log on to www.panduit.com/warranty

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7/2007

www.panduit.com
Continuously molded ferrules in strips and reels

Key Features
- Continuously molded integrated carrier: Ensures consistent placement of ferrules in tooling for fast reliable operation.
- Seamless barrel design: Contains stranded wires to eliminate loose strands for superior terminations.
- Molded polypropylene housing: Meets DIN designation 46228 which provides visual indication that ferrules are installed to allow a quick and trouble-free quality inspection; UL HB rated.
- Available in a range of color options: Allows identification of specific circuits to simplify troubleshooting and maintenance.
- Continuously molded ferrules in strips: For use with the semiautomatic ferrule crimping tool CT-1000 for improved reliability and productivity.
- Ferrules and crimping tools: SMART™ continuously molded ferrules are available in #20 – #14 AWG featuring a seamless barrel design to contain loose wire strands for superior terminations.
- Reel and strip ferrules can be used in hand tool or bench press applicator for application flexibility.
- Continuously molded design provides consistent placement of ferrules in tools to ensure fast, reliable terminations.

Benefits
- Eliminates need for reel changes: Allows quick termination of all ferrules with a single tool.
- The CT-1000 is a multi-use tool that cuts, strips, and crimps wire to maximize efficiency.
- Rapid ferrule load design: Continuously molded ferrules load conveniently into the handle of tool, significantly reducing installation time.
- Lightweight, multi-use controlled cycle tool: 54 lbs. tool cuts, strips, and crimps wire to maximize efficiency.
- Adjustable die setting: Allows quick termination of all PANDUIT #20 – #14 AWG continuously molded ferrules with a single tool.
- Precision ferrule indexing: Designed for precise placement of ferrules through applicator for optimum reliability and productivity.
- Universal ferrule applicator: One ferrule applicator system terminates all PANDUIT #20 – #14 AWG continuously molded ferrules for a reduced cost of ownership.
- Universal base plate: Allows compatibility with PANDUIT CP-871 Electric Press, as well as commercially available bench press and automatic wire processing (AWP) machines for maximum flexibility.
- Quick change die sets: Provide fast product changeover and reduction in setup time.
- Electric Bench Press: Displays system performance, provides production data and reporting including error detection and cycle count.
- Applicator docking system: Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership.
- Quick cycle time: Cycle times of less than one second are up to six times faster than conventional manual termination methods.

Available ferrules and crimping tools in #20 – #14 AWG continuously molded ferrules in strips of 50, 3,000 – 5,000 and reels of 3,000 – 5,000 for medium and high volume applications.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Color</th>
<th>Wire Strip Length</th>
<th>Recommended Installation Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSD75-8-DSL10</td>
<td>18 .75 Gray</td>
<td>500</td>
<td>CT-1000</td>
</tr>
<tr>
<td>FSD76-8-DSL10</td>
<td>18 .75 Blue</td>
<td>500</td>
<td>CA10</td>
</tr>
<tr>
<td>FSD77-8-DSL11</td>
<td>18 .75 Black</td>
<td>500</td>
<td>CA10</td>
</tr>
<tr>
<td>FSD78-8-DSL11</td>
<td>18 .75 Red</td>
<td>500</td>
<td>CA10</td>
</tr>
<tr>
<td>FSD79-8-DSL11</td>
<td>18 .75 Yellow</td>
<td>500</td>
<td>CA10</td>
</tr>
<tr>
<td>FSD80-8-DSL11</td>
<td>18 .75 Light Blue</td>
<td>500</td>
<td>CA10</td>
</tr>
<tr>
<td>FSD81-8-DSL11</td>
<td>18 .75 White</td>
<td>500</td>
<td>CA10</td>
</tr>
<tr>
<td>FSD82-8-DSL11</td>
<td>18 .75 Gray</td>
<td>500</td>
<td>CA10</td>
</tr>
</tbody>
</table>

*Order number of pieces required, in multiples of Standard Package Quantity.
Continuously molded ferrules in strips and reels:

- **Key Features**
  - Continuously molded integrated carrier: Ensures consistent placement of ferrules in tooling for fast reliable operation.
  - Seamless barrel design: Contains stranded wires to eliminate loose strands for superior terminations.
  - Molded polypropylene housing: Meets DIN designation 46228 which provides visual indication that ferrules are installed to allow a quick and trouble-free quality inspection; UL HB rated.
  - Available #20 – #14 AWG: Select from the most popular wire sizes to meet a variety of wiring applications.
  - Available in a range of color options: Allows identification of specific circuits to simplify troubleshooting and maintenance.

- **Benefits**
  - Continuously molded ferrules in strips of 50: Designed for use with the semiautomatic ferrule crimping tool CT-1000 for improved reliability and productivity.
  - Continuously molded ferrules in reels of 3,000 – 5,000: Designed for use with the CT-1000 to deliver reduced production changeover and downtime due to fewer reel changes for improved productivity.

Semiautomatic Ferrule Crimping Tool CT-1000:

- **Recommended Tooling Setup**
  - Push/Pull ferrule load design: Continuously molded ferrules load conveniently into the handle of tool, significantly reducing installation time.
  - Lightweight, multi-use controlled cycle tool: 54 lbs. tool cuts, strips, and crimps wire to maximize efficiency.
  - Adjustable die setting: Allows quick termination of all PANDUIT #20 – #14 AWG continuously molded ferrules with a single tool.

- **Benefits**
  - Designed for use with continuously molded ferrules in strips of 50 with an innovative rapid load design to significantly reduce installation time.
  - Multi-use: 54 lbs. controlled cycle tool cuts, strips, and crimps wire.
  - Adjustable die setting allows termination of all continuously molded ferrules with a single tool.

### Ferrules in Strips of 50 for Medium Volume Applications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Wire Size (AWG)</th>
<th>Color</th>
<th>OD Length (In.)</th>
<th>ID Length (In.)</th>
<th>P Length (In.)</th>
<th>L Length (In.)</th>
<th>Std. Pkg. Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSD95-8-DSL0</td>
<td>20  .50 Gray</td>
<td>Gray</td>
<td>.50</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>500</td>
</tr>
<tr>
<td>FSD75-8-DSL3</td>
<td>16  .50 Gray</td>
<td>Gray</td>
<td>.50</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>500</td>
</tr>
<tr>
<td>FSD78-8-DSL0</td>
<td>18  .75 Gray</td>
<td>Gray</td>
<td>.75</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>500</td>
</tr>
<tr>
<td>FSD77-8-DSL4</td>
<td>18  .75 Red</td>
<td>Red</td>
<td>.75</td>
<td>.07</td>
<td>.10</td>
<td>.12</td>
<td>500</td>
</tr>
<tr>
<td>FSD97-8-DSL4</td>
<td>18  .75 Yellow</td>
<td>Yellow</td>
<td>.75</td>
<td>.10</td>
<td>.13</td>
<td>.15</td>
<td>500</td>
</tr>
<tr>
<td>FSD76-8-DSL0</td>
<td>16  .50 Red</td>
<td>Red</td>
<td>.50</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>500</td>
</tr>
<tr>
<td>FSD60-8-DSL6</td>
<td>14  .25 Blue</td>
<td>Blue</td>
<td>.25</td>
<td>.09</td>
<td>.12</td>
<td>.14</td>
<td>500</td>
</tr>
<tr>
<td>FSD90-8-DSL8</td>
<td>14  .25 Gray</td>
<td>Gray</td>
<td>.25</td>
<td>.09</td>
<td>.12</td>
<td>.14</td>
<td>500</td>
</tr>
</tbody>
</table>

*Order number of pieces required, in multiples of Standard Package Quantity.

### Ferrules in Reels of 3,000 – 5,000 for High Volume Applications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Wire Size (AWG)</th>
<th>Color</th>
<th>OD Length (In.)</th>
<th>ID Length (In.)</th>
<th>P Length (In.)</th>
<th>L Length (In.)</th>
<th>Std. Pkg. Qty</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSD87-8-DSL4</td>
<td>20  .50 Gray</td>
<td>Gray</td>
<td>.50</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>5000</td>
</tr>
<tr>
<td>FSD75-8-DSL3</td>
<td>18  .75 Red</td>
<td>Red</td>
<td>.75</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>5000</td>
</tr>
<tr>
<td>FSD78-8-DSL0</td>
<td>16  .50 Yellow</td>
<td>Yellow</td>
<td>.50</td>
<td>.12</td>
<td>.15</td>
<td>.17</td>
<td>5000</td>
</tr>
<tr>
<td>FSD60-8-DSL6</td>
<td>14  .25 White</td>
<td>White</td>
<td>.25</td>
<td>.09</td>
<td>.12</td>
<td>.14</td>
<td>5000</td>
</tr>
<tr>
<td>FSD90-8-DSL8</td>
<td>14  .25 Gray</td>
<td>Gray</td>
<td>.25</td>
<td>.09</td>
<td>.12</td>
<td>.14</td>
<td>5000</td>
</tr>
</tbody>
</table>

*Order number of pieces required, in multiples of Standard Package Quantity.

**Electric Bench Press**

- Microprocessor control: Displays system performance, provides production data, and reporting including error detection and cycle count.

- Applicator docking system: Applicator can be changed without the use of tools to facilitate faster changeover for lower cost of ownership.

- Quick cycle time: Cycle times of less than one second are up to six times faster than conventional manual termination methods.
Ferrule Applicator CA10

- Designed for use with continuously molded ferrules in reels of 3,000 – 5,000 for high volume applications
- Precision ferrule indexing through applicator for optimum reliability and productivity
- Universal base plate allows compatibility with the PANDUIT CP-871 electric press, and other commercially available bench presses and automatic wire processing (AWP) machines
- Quick change die sets terminate the entire ferrule line to provide fast product changeover and reduction in setup time; dies sold separately

**Housing material:** Polypropylene
**Flammability:** UL V2
**Ferrule material:** Tin-plated copper
**Temperature rating:** 221°F (105°C)
**RoHS:** Compliant

**Part Number** | **Description** | **Wire Range** | **Std. Pkg.** | **Qty.**
--- | --- | --- | --- | ---
CA10 | Applicator used to terminate entire line of REEL SMART™ Continuously Molded Ferrules on reels. For use with CP-871 electric bench press and CD10 series of die sets. | — | — | 1
CD10-1 | Die insert to be used with the CA10 applicator to terminate REEL SMART™ Continuously Molded Ferrules. | 20 – 18 | 50 – 75 | 1
CD10-2 | Die insert to be used with the CA10 applicator to terminate REEL SMART™ Continuously Molded Ferrules. | 18 – 16 | 1.0 – 1.5 | 1
CD10-3 | Die insert to be used with the CA10 applicator to terminate REEL SMART™ Continuously Molded Ferrules. | 14 | 2.5 | 1

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