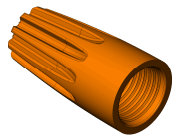
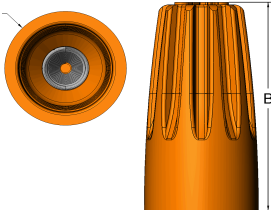


|                                                                                                                                                                                                   |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---|--|---|--|-------|--------|----|--------|----|------|------|---|------|----|------|------|----|------|----|------|------|----|------|----|------|------|----|------|----|------|------|----|------|----|
|                                                                                                                   |                                                                                                                                                                                | WIRE-NUT®<br>WIRE CONNECTORS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                  | MODELS<br>71B®, 72B®, 73B®, 74B® & 76B®                                                                                                                                                                                |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| FEATURES/BENEFITS:                                                                                                                                                                                |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                   |                                                                                                                                                                                | <ul style="list-style-type: none"><li>- WIDE WIRE RANGE ENABLES USE ON VARIETY OF APPLICATIONS</li><li>- FIXED, SQUARE-WIRE SPRING CREATES ITS OWN THREADS</li><li>- MAINTAINS A SECURE CONNECTION THAT WILL NOT RELAX OVER TIME</li><li>- POSITIVE-GRIP SHELL DESIGN PROVIDES FAST, EASY INSTALLATION</li><li>- PRE-TWISTING OF WIRES IS NOT REQUIRED</li><li>- REUSEABLE FOR EASY CIRCUIT CHANGES AND ADDITIONS</li></ul>                                                                                           |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| ELECTRICAL:                                                                                                                                                                                       |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | APPLICATION TOOLS:                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| VOLTAGE: 71B® / 72B® 300 VOLTS MAX.<br>73B® / 74B® / 76B® 600 VOLTS MAX.*<br><br>(* 1,000 VOLTS MAX. SIGNS & FIXTURES)                                                                            |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <ul style="list-style-type: none"><li>- ACAM (AUTOMATIC CONNECTOR APPLICATION MACHINE)</li><li>- WIRE-NUT® Wire Connector Sockets: <b>30-903</b> (71B® &amp; 72B®), <b>30-904</b> (73B®), <b>30-906</b> (74B® &amp; 76B®), <b>H-632</b> (73B®, 74B® &amp; 76B®), <b>30-902</b> (73B®, 74B® &amp; 76B®)</li></ul> |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| PHYSICAL:                                                                                                                                                                                         |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | STANDARDS & SPECIFICATIONS:                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| HOUSING: POLYPROPYLENE (UL 94V-2 FLAME RATED)                                                                                                                                                     |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | UL LISTED: UL 486C                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| INSERT: STEEL                                                                                                                                                                                     |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CSA CERTIFIED: C22.2 NO. 188                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| PLATING: ZINC                                                                                                                                                                                     |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RoHS COMPLIANT                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| WIRE RANGE & COMBINATIONS:                                                                                                                                                                        |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| MODEL                                                                                                                                                                                             | 71B® (GRAY)                                                                                                                                                                    | 72B® (BLUE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 73B® (ORANGE)                                                                                                                                                                                                                                                                                                    | 74B® (YELLOW)                                                                                                                                                                                                          | 76B® (RED)                                                                                                                                                                                                                |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| WIRE RANGE:                                                                                                                                                                                       | MIN. 2 #22 Str.<br>MAX. 2 #16                                                                                                                                                  | MIN. 2 #22<br>MAX. 3 #16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | MIN. 1 #18 w/1 #20<br>MAX. 2 #14                                                                                                                                                                                                                                                                                 | MIN. 2 #18<br>MAX. 4 #14 w/1 #18                                                                                                                                                                                       | MIN. 2 #14<br>MAX. 4 #12                                                                                                                                                                                                  |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| WIRE STRIP LENGTH                                                                                                                                                                                 | Solid: 1/4" (6 mm)<br>Str: 5/16" (8 mm)                                                                                                                                        | ≤ #16 AWG: 1/2" (13 mm)<br>All Others: 3/8" (9.5 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ≤ #16 AWG: 3/8" (9.5 mm)<br>All Others: 5/16" (8 mm)                                                                                                                                                                                                                                                             | ≤ #16 AWG: 7/16" (11 mm)<br>All Others: 3/8" (9.5 mm)                                                                                                                                                                  | ≤ #16 AWG: 1/2" (13 mm)<br>All Others: 7/16" (11 mm)                                                                                                                                                                      |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| COMBINATIONS:                                                                                                                                                                                     | <u>300V MAX:</u><br>1 #14<br>1 or 2 #16<br>1 #18 Str.<br>1 #16 w/1 #18<br>2 #18 w/1 #20<br>2 or 3 #18<br>2 to 4 #20<br>4 #20 w/1 #22<br>2 #22 Str.<br>3 or 4 #22<br>5 #22 Sol. | <u>300V MAX:</u><br>1 #14 Str.<br>1 #16 Str.<br>1 #14 w/1 #16<br>1 #14 w/1 or 2 #18<br>2 or 3 #16<br>2 #16 w/1 #18<br>1 #18 str.<br>2 to 4 #18<br>3 to 5 #20<br>4 #20 w/1 #22<br>2 #22                                                                                                                                                                                                                                                                                                                                | <u>600V MAX:*</u><br>1 or 2 #14<br>1 #14 w/1 or 2 #18<br>1 #16 Str.<br>1 #14 w/1 #16<br>1 #16 w/1 or 2 #18<br>2 #16<br>2 #16 w/1 #18<br>1 #18 Str.<br>1 #18 w/2 to 4 #20<br>1 #18 w3 to 4 #22<br>2 to 4 #18                                                                                                      | <u>600V MAX:*</u><br>1 to 3 #12<br>1 to 4 #14<br>2 to 5 #16<br>3 to 6 #20<br>2 to 5 #18<br>1 #10 w/1 #12<br>2 #12 w/1 or 2 #18<br>2 #12 w/1 or 2 #14<br>2 #14 w/1 to 3 #18<br>1 #10 w/1 or 2 #14<br>1 #12 w/1 to 3 #14 | <u>600V MAX:*</u><br>1 or 2 #10<br>1 to 4 #12<br>2 to 5 #14<br>4 to 6 #16<br>1 #16 w/4 #18<br>1 #14 w/3 or 4 #18<br>2 #14 w/2 to 4 #16<br>2 #12 w/1 to 3 #14<br>1 #10 w/1 to 3 #14<br>1 #10 w/1 or 2 #12<br>2 #10 w/1 #14 |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| - Listed as a Pressure-Type wire connector for use on the following solid and/or stranded Cu/Cu wire combinations.<br><br>- Consult IDEAL for a complete list of all UL Listed wire combinations. |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| DIMENSIONS:                                                                                                                                                                                       |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                |                                                                                                                                                                                | <table><tr><td></td><td colspan="2">A</td><td colspan="2">B</td></tr><tr><td>MODEL</td><td>INCHES</td><td>mm</td><td>INCHES</td><td>mm</td></tr><tr><td>71B®</td><td>0.33</td><td>8</td><td>0.58</td><td>15</td></tr><tr><td>72B®</td><td>0.39</td><td>10</td><td>0.70</td><td>18</td></tr><tr><td>73B®</td><td>0.44</td><td>11</td><td>0.86</td><td>22</td></tr><tr><td>74B®</td><td>0.55</td><td>14</td><td>0.95</td><td>24</td></tr><tr><td>76B®</td><td>0.59</td><td>15</td><td>1.06</td><td>27</td></tr></table> |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  | A |  | B |  | MODEL | INCHES | mm | INCHES | mm | 71B® | 0.33 | 8 | 0.58 | 15 | 72B® | 0.39 | 10 | 0.70 | 18 | 73B® | 0.44 | 11 | 0.86 | 22 | 74B® | 0.55 | 14 | 0.95 | 24 | 76B® | 0.59 | 15 | 1.06 | 27 |
|                                                                                                                                                                                                   | A                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | B                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| MODEL                                                                                                                                                                                             | INCHES                                                                                                                                                                         | mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | INCHES                                                                                                                                                                                                                                                                                                           | mm                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| 71B®                                                                                                                                                                                              | 0.33                                                                                                                                                                           | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.58                                                                                                                                                                                                                                                                                                             | 15                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| 72B®                                                                                                                                                                                              | 0.39                                                                                                                                                                           | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.70                                                                                                                                                                                                                                                                                                             | 18                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| 73B®                                                                                                                                                                                              | 0.44                                                                                                                                                                           | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.86                                                                                                                                                                                                                                                                                                             | 22                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| 74B®                                                                                                                                                                                              | 0.55                                                                                                                                                                           | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.95                                                                                                                                                                                                                                                                                                             | 24                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| 76B®                                                                                                                                                                                              | 0.59                                                                                                                                                                           | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.06                                                                                                                                                                                                                                                                                                             | 27                                                                                                                                                                                                                     |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| ORDERING INFO:                                                                                                                                                                                    |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| CATALOG NUMBERS                                                                                                                                                                                   | 71B® (GRAY)                                                                                                                                                                    | 72B® (BLUE)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 73B® (ORANGE)                                                                                                                                                                                                                                                                                                    | 74B® (YELLOW)                                                                                                                                                                                                          | 76B® (RED)                                                                                                                                                                                                                |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   | 30-071 100/Box                                                                                                                                                                 | 30-072 100/Box                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 30-073 100/Box                                                                                                                                                                                                                                                                                                   | 30-074 100/Box                                                                                                                                                                                                         | 30-076 100/Box                                                                                                                                                                                                            |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   | 30-171 1,000/Carton                                                                                                                                                            | 30-172 1,000/Carton                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 30-073J 300/Jar                                                                                                                                                                                                                                                                                                  | 30-074J 175/Jar                                                                                                                                                                                                        | 30-076J 150/Jar                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   | 30-271 25,000/Keg                                                                                                                                                              | 30-272 10,000/Keg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 30-173 1,000/Carton                                                                                                                                                                                                                                                                                              | 30-174 1,000/Carton                                                                                                                                                                                                    | 30-176 1,000/Carton                                                                                                                                                                                                       |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   | 30-871 150,000/Barrel                                                                                                                                                          | 30-872 85,000/Barrel                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30-273 500/Bag                                                                                                                                                                                                                                                                                                   | 30-274 500/Bag                                                                                                                                                                                                         | 30-276 250/Bag                                                                                                                                                                                                            |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30-673 10,000/Keg                                                                                                                                                                                                                                                                                                | 30-674 10,000/Keg                                                                                                                                                                                                      | 30-876 15,000/Barrel                                                                                                                                                                                                      |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
|                                                                                                                                                                                                   |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30-873 50,000/Barrel                                                                                                                                                                                                                                                                                             | 30-874 35,000/Barrel                                                                                                                                                                                                   |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |
| FACTORY CONTACT:                                                                                                                                                                                  |                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NOTES:                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                        |                                                                                                                                                                                                                           |  |   |  |   |  |       |        |    |        |    |      |      |   |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |      |      |    |      |    |