

**OHLECTRIC®****ITEM NO.:** See Chart**ITEM NAME:** Black Insulated  
Mechanical Connector**BARCODE:** See Chart

## Black Insulated Connector – Dual Side Entry



|              |                                                 |
|--------------|-------------------------------------------------|
| BRAND        | OhLectric                                       |
| MATERIAL     | 6061-T6 Aluminum                                |
| INSULATION   | Rugged High-Dielectric Plastisol Dipped Coating |
| BOLT         | Hex Head                                        |
| COLOR        | Black                                           |
| WIRE RANGES  | #14 - 750 MCM                                   |
| TEMP. RATING | -49°F to 194°F (-45°C to 90°C)                  |
| MAX VOLTAGE  | 600V                                            |
| AMP. RATING  | To Conductor                                    |
| UL           | 486B Dual Rated CU9AL ANSI C119.4               |
| UL LISTED    | Yes                                             |

- Wires enter either side of the Connector.
- High dielectric strength insulation is abrasion, chemical and UV resistant.
- Pre-Filled with Oxide Inhibitor
- Insulated Cable Connector is 6061-T6 Aluminum CU9AL Dual Rated for use with copper and/or Aluminum wires.
- Easy Re-Entry for Changes, Inspection or Troubleshooting
- Plugs Marked with Connector Max Wire Size for easy identification.
- One wire per terminal
- Temperature Range of -49°F to 194°F (-45° to 90°C)
- ANSI C119.4 & cULus 486b Listed thru 750 MCM, for 600 Volts
- Rated for use with 194°F (90°C) Copper And/or Aluminum Conductor.
- For Indoor Use Only

| ITEM#    | WIRE RANGE | ALLEN HEX | WIRE PORTS | TORQUE (in/lbs) | MAX AMP (Cu) | MAX AMP (Al) | MIN QUANTITY | BARCODE      |
|----------|------------|-----------|------------|-----------------|--------------|--------------|--------------|--------------|
| OL-76671 | 4-14       | 4/32      | 2          | 28              | 95           | 75           | 16           | 655471176671 |
| OL-02888 | 4-14       | 4/32      | 3          | 28              | 95           | 75           | 20           | 655471002888 |
| OL-09550 | 2-14       | 5/32      | 2          | 28              | 130          | 100          | 16           | 655471309550 |
| OL-87915 | 2-14       | 5/32      | 3          | 28              | 130          | 100          | 12           | 655471087915 |
| OL-18780 | 2-14       | 5/32      | 4          | 28              | 130          | 100          | 8            | 655471018780 |
| OL-26027 | 1/0-14     | 3/16      | 2          | 180             | 170          | 135          | 18           | 655471126027 |
| OL-03841 | 2/0-6      | 7/32      | 2          | 110             | 195          | 150          | 18           | 655471106265 |
| OL-53320 | 2/0-6      | 7/32      | 3          | 110             | 195          | 150          | 6            | 655471153320 |
| OL-33661 | 2/0-6      | 7/32      | 5          | 110             | 195          | 150          | 9            | 655471333661 |
| OL-83085 | 3/0-6      | 7/32      | 3          | 110             | 225          | 175          | 12           | 655471083085 |
| OL-14783 | 250-6      | 5/16      | 2          | 110             | 290          | 230          | 6            | 655471314783 |
| OL-47181 | 250-6      | 5/16      | 3          | 110             | 290          | 230          | 5            | 665355947181 |
| OL-47198 | 250-6      | 5/16      | 4          | 110             | 290          | 230          | 3            | 665355947198 |
| OL-47204 | 250-6      | 5/16      | 5          | 110             | 290          | 230          | 1            | 665355947204 |
| OL-47211 | 250-6      | 5/16      | 6          | 110             | 290          | 230          | 1            | 665355947211 |
| OL-47228 | 250-6      | 5/16      | 7          | 110             | 290          | 230          | 1            | 665355947228 |
| OL-47235 | 250-6      | 5/16      | 8          | 110             | 290          | 230          | 1            | 665355947235 |
| OL-47259 | 250-6      | 5/16      | 10         | 110             | 290          | 230          | 3            | 665355947259 |

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| ITEM#    | WIRE RANGE | ALLEN HEX | WIRE PORTS | WIDTH | HEIGHT | LENGTH | MIN QUANTITY | BARCODE      |
|----------|------------|-----------|------------|-------|--------|--------|--------------|--------------|
| OL-76671 | 4-14       | 4/32      | 2          | 1.37  | 1.19   | 1.14   | 16           | 655471176671 |
| OL-02888 | 4-14       | 4/32      | 3          | 1.35  | 1.2    | 1.56   | 20           | 655471002888 |
| OL-09550 | 2-14       | 5/32      | 2          | 1.63  | 1.4    | 1.38   | 16           | 655471309550 |
| OL-87915 | 2-14       | 5/32      | 3          | 1.63  | 1.4    | 1.93   | 12           | 655471087915 |
| OL-18780 | 2-14       | 5/32      | 4          | 1.63  | 1.4    | 2.48   | 8            | 655471018780 |
| OL-26027 | 1/0-14     | 3/16      | 2          | 1.75  | 1.6    | 1.61   | 18           | 655471126027 |
| OL-03841 | 2/0-6      | 7/32      | 2          | 1.79  | 1.63   | 1.65   | 18           | 655471106265 |
| OL-53320 | 2/0-6      | 7/32      | 3          | 1.79  | 1.63   | 2.32   | 6            | 655471153320 |
| OL-33661 | 2/0-6      | 7/32      | 5          | 1.63  | 1.79   | 3.66   | 9            | 655471333661 |
| OL-83085 | 3/0-6      | 7/32      | 3          | 1.97  | 1.77   | 2.56   | 12           | 655471083085 |
| OL-14783 | 250-6      | 5/16      | 2          | 2.38  | 2.15   | 2.2    | 6            | 655471314783 |
| OL-47181 | 250-6      | 5/16      | 3          | 2.38  | 2.15   | 3.11   | 5            | 665355947181 |
| OL-47198 | 250-6      | 5/16      | 4          | 2.38  | 2.15   | 4.02   | 3            | 665355947198 |
| OL-47204 | 250-6      | 5/16      | 5          | 2.38  | 2.15   | 4.92   | 3            | 665355947204 |
| OL-47211 | 250-6      | 5/16      | 6          | 2.38  | 2.15   | 5.83   | 1            | 665355947211 |
| OL-47228 | 250-6      | 5/16      | 7          | 2.38  | 2.15   | 6.73   | 1            | 665355947228 |
| OL-47235 | 250-6      | 5/16      | 8          | 2.38  | 2.15   | 7.64   | 1            | 665355947235 |
| OL-47259 | 250-6      | 5/16      | 10         | 2.38  | 2.15   | 9.45   | 3            | 665355947259 |

| WIRE SIZE | CONNECTOR SIZE         |     |     |     |     |     |     |     |    |    |    |
|-----------|------------------------|-----|-----|-----|-----|-----|-----|-----|----|----|----|
|           | 750                    | 600 | 500 | 350 | 250 | 3/0 | 2/0 | 1/0 | 1  | #2 | #4 |
|           | TORQUE VALUE (in/lbs.) |     |     |     |     |     |     |     |    |    |    |
| 600 - 750 | 442                    |     |     |     |     |     |     |     |    |    |    |
| 600       | 442                    | 398 | 310 |     |     |     |     |     |    |    |    |
| 500       | 442                    | 398 | 310 |     |     |     |     |     |    |    |    |
| 400       | 310                    | 398 | 310 |     |     |     |     |     |    |    |    |
| 350       | 310                    | 398 | 310 | 221 |     |     |     |     |    |    |    |
| 250       | 310                    | 398 | 310 | 221 | 149 |     |     |     |    |    |    |
| 4/0       |                        |     | 310 | 221 | 149 |     |     |     |    |    |    |
| 3/0       |                        |     | 310 | 221 | 149 | 100 |     |     |    |    |    |
| 2/0       |                        |     | 310 | 221 | 149 | 100 |     |     |    |    |    |
| 1/0       |                        |     | 310 | 221 | 149 | 100 | 89  | 89  |    |    |    |
| #3 - #1   |                        |     | 310 | 221 | 149 | 100 | 89  | 89  | 89 | 80 |    |
| #4 - #6   |                        |     | 310 | 221 | 149 | 100 | 89  | 89  | 89 | 80 | 35 |
| #8        |                        |     |     |     |     |     | 89  | 89  | 89 | 80 | 35 |
| #10 - #14 |                        |     |     |     |     |     | 89  | 89  | 89 | 80 | 35 |