200 A Loadbreak

200 A loadbreak connectors and accessories provide a convenient method to connect/disconnect cable and equipment on power distribution systems. Loadbreak elbows include provisions for energized operation using standard hotstick tools, allowing loadmake/break operation and a visible disconnect. Components can be isolated with insulated caps, plugs and parking bushings.

Optional accessories allow system grounding, testing, bypass, lightning surge protection and current limiting fusing. Additional connecting points and taps can be provided by use of junctions or feed-thrus.

200 A LOADBREAK SEPARABLE CONNECTOR COMPONENTS

Ratings Overview
See page A3–A4 for complete information including switching and fault close ratings.

Current Ratings
200 A Continuous
10 kA sym., 10 Cycles

Voltage Ratings
15 kV Class
8.3 kV Phase-to-Ground
14.4 kV Phase-to-Phase
95 kV BIL
34 kV AC Withstand
53 kV DC Withstand
11 kV Corona Extinction

25 kV Class
15.2 kV Phase-to-Ground
26.3 kV Phase-to-Phase
125 kV BIL
40 kV AC Withstand
78 kV DC Withstand
19 kV Corona Extinction

35 kV Class
21.1 kV Phase-to-Ground
36.6 kV Phase-to-Phase
150 kV BIL
50 kV AC Withstand
103 kV DC Withstand
26 kV Corona Extinction
### Cable Accessories

#### 200 A Loadbreak

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<th>Illustration (not to scale)</th>
<th>Description</th>
<th>Voltage Class</th>
<th>ELASTIMOLD Cat. No.</th>
<th>Notes</th>
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<tr>
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<td>165LR-WSX</td>
<td>W5</td>
<td>N2, 3, 4, 5</td>
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<td>275LR-WSX</td>
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<td>375LR-WSX</td>
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<td>166LR-WSX</td>
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<td>376LR-WSX</td>
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<td>Jacket Seal Elbow Connector</td>
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<td>165LSJ-WSX</td>
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<td>Repair Elbow Connector</td>
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<td>25 kV</td>
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<td>Replacement Elbow w/ Test Point</td>
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<td>Boltsed Elbow w/ Tap</td>
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<td>167LT-WSX</td>
<td>W5</td>
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<td>Bushing Insert</td>
<td>15 kV</td>
<td>161A4</td>
<td>W5</td>
<td>N4, 8, 20</td>
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<td>271A4</td>
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<td>371A4</td>
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<td>N8, 20</td>
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<td>Feed-Thru Insert</td>
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<td>1602AR</td>
<td>W5</td>
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<td>35 kV</td>
<td>3750R</td>
<td>W5</td>
<td>N9</td>
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</table>

#### Notes

- N1. Copper lug for use on COPPER CONDUCTOR ONLY.
- N2. WX5 indicates that the Cat. No. includes 02500X long bi-metal compression lug as standard. For an all-copper lug, replace WX5 with WX2 in Table X1 to specify the all-copper 02500X lug.
- N3. Also available as housing only. Specify: 160BLR-W, 270BLR-W, 370BLR-W, 166BLR-W, 276BLR-W.
- N4. Also available as elbow/insert combination. Specify: 165A4-WX, 275A4-WX, 166A4-WX, 276A4-WX.
- N5. Also available with 200ECX jacket seal included. Add "S" suffix to Cat. No. for all-copper lug, replace W5X with W2X in Table X1 to obtain bi-metal compression lug as standard. For an all-copper lug, replace WX5 with WX2 in Table X1 to specify the all-copper 02500X lug.
- N6. Rated for single-phase applications only.
- N7. Equipped with insulated cuff.
- N8. Includes internal torquing feature using 200AT Assembly Tool.
- N10. Repair elbow has extended length contact and elbow housing resulting in a net gain of 3-1/4 in length.
- N11. Replacement elbow has extended length contact and elbow housing resulting in a net gain of 3-1/4 in length. Example: 273DRGA.
- N12. Rated for 25 kV thru 35 kV applications.
- N13. Includes long bi-metal contact 00400X.
- N14. 165CA Cable Size Adapter can only be used with elbow Cat. No. 165L/R/166L C size only.
- N16. Fully rotatable for 360° positioning. Includes bail assembly to secure feed-thru insert to bushing well.
- N17. Includes 02500X bi-metal contact.
- N18. Includes 02500X long bi-metal contact.
- N19. Includes built-in jacket seal. Also available as housing only — specify 165L/R/165L/R/166L/R/166L/R/165L/R/166L/R/166L/R/165L/R/166L/R/166L/R.
- N20. Includes internal torquing feature using 200AT Assembly Tool.
- N21. Includes a black vent ring.
- N22. Direct Test Connectors, along with a 200TC-X series meter adapter, a properly rated voltmeter and Hot-line Stick provides a means for direct conductor voltage testing.
- N23. With stainless steel bracket.
- N24. Test Point Cap Cat# 156-7.

Refer to the W and X tables on pages A39 to A41 for sizing to cable insulation diameter and conductor size. For cable shield adapters and jacket seals, see page A50.

### Illustrated Description

#### Insulated Cap w/ Ground and Test Point
- 15 kV: 1660RG
- 25 kV: 2740RG
- 35 kV: 3760RG

#### Grounding Plug (1/10 AWG x 6’ Ground Lead)
- 15 kV: 161GP
- 25 kV: 272GP
- 35 kV: 376GLR

#### Grounding Elbow (1/10 AWG x 6’ Ground Lead)
- 15 kV: 160GLR
- 25/35 kV: 370GLR

#### Feed-Thru
- 15 kV: 164FT
- 25 kV: 274FT
- 35 kV: 371FT

#### Feed-Thru Vertical
- 15 kV: 164FTV
- 25 kV: 274FTV
- 35 kV: 373FTV

#### Adjustable Bracket 2-point Feed-Thru
- 15 kV: 164FTZ-AB
- 25 kV: 274FTZ-AB
- 35 kV: 373FTZ-AB

#### Adjustable Bracket 3-point Feed-Thru
- 15 kV: 164FTZ-AB
- 25 kV: 274FTZ-AB
- 35 kV: 373FTZ-AB

#### Adjustable Bracket 4-point Feed-Thru
- 15 kV: 164FTZ-AB
- 25 kV: 274FTZ-AB
- 35 kV: 373FTZ-AB

#### Feed-Thru Well
- 15/25 kV: K1601WFT
- 15/25 kV: K1601WFTV

#### Insulated Parking Bushing
- 15 kV: 161SOP
- 25 kV: 272SOP
- 35 kV: 372SOP

#### Test Rad
- 15 kV: 2701R
- 25 kV: 2768WP
- 35 kV: M2768WP

#### Assembly Tool
- ALL: 200AT

#### Bushing Well Plug
- 15/25 kV: 2768WP
- 35 kV: M2768WP

Refer to the W and X tables on pages A39 to A41 for sizing to cable insulation diameter and conductor size. For cable shield adapters and jacket seals, see page A50.
200 A Loadbreak

Ratings Overview
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10 kA sym., 10 Cycles

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40 kV AC Withstand
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35 kV Class
21.1 kV Phase-to-Ground
36.6 kV Phase-to-Phase
150 kV BIL
50 kV AC Withstand
103 kV DC Withstand
26 kV Corona Extinction
200 A Loadbreak

**Contacts:**
- Long Bi-Metal ELF Bi-Metal Copper LRT Contact RLR Contact

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<thead>
<tr>
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<th>ELASTIMOLD Cat. No.</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td>Elbow Probe</td>
<td>15 kV</td>
<td>166LRF</td>
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<tr>
<td></td>
<td>25 kV</td>
<td>274LRF</td>
<td></td>
</tr>
<tr>
<td></td>
<td>35 kV</td>
<td>375LRF</td>
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<tr>
<td>Elbow Cable Entrance Insulating Plug</td>
<td>ALL</td>
<td>10EPW Use Table W6</td>
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<tr>
<td>Cable Size Adapter</td>
<td>15 kV</td>
<td>160CA-W Use Table W6 EB-FA Only</td>
<td>N4</td>
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<tr>
<td>Direct Voltage Test Meter Adapter for HD Electric Meters</td>
<td>ALL</td>
<td>200TC-1</td>
<td>N14</td>
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<td>Ross Meters</td>
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<td>Chance Meters</td>
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<tr>
<td>2-Way Well Junction w/s.s. Bracket</td>
<td>15/25 kV</td>
<td>K1601WJ2</td>
<td>N6</td>
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<tr>
<td>2-Way Well Junction w/&quot;U&quot; Straps</td>
<td>15/25 kV</td>
<td>K1601WJ2-5</td>
<td>N5, 6, 11</td>
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<tr>
<td>3-Way Well Junction w/s.s. Bracket</td>
<td>15/25 kV</td>
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<td>N6</td>
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<tr>
<td>3-Way Well Junction w/&quot;U&quot; Straps</td>
<td>15/25 kV</td>
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<td>4-Way Well Junction w/s.s. Bracket</td>
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<td>4-Way Well Junction w/&quot;U&quot; Straps</td>
<td>15/25 kV</td>
<td>K1601WJ4-5</td>
<td>N5, 6, 13</td>
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</table>

N1. Repair elbow has extended length contact and elbow housing resulting in a net gain of 3-1/4 in. length.
N2. Copper lug for use on COPPER CONDUCTOR ONLY.
N3. Replacement elbow has extended length contact and elbow housing resulting in a net gain of 8-7/8 in. length.
N4. 160CA Cable Size Adapter can only be used with elbow part numbers 165LR/166LR C-size only.
N5. Also available as rubber only, without straps. Specify suffix "-5" in place of "-4" in the Cat. No.
N7. Hardware package, consists of "U"-straps and back plate only, may be ordered separately by specifying "-4" in the Cat. No. Example 164J4-5.
N8. Hardware package, consists of "U" -straps and back plate only, may be ordered separately by specifying 1601US-J2.
N9. Hardware package, consists of "U" -straps and back plate only, may be ordered separately by specifying 1601US-J3.
N10. Hardware package, consists of "U" -straps and back plate only, may be ordered separately by specifying 1601US-J4.
N11. Hardware package, consists of "U" -straps and back plate only, may be ordered separately by specifying 271-6/98.
N12. Hardware package, consists of "U" -straps and back plate only, may be ordered separately by specifying 271-61.
N13. Hardware package, consists of "U" -straps and back plate only, may be ordered separately by specifying 271-70.
N14. For use with Direct Test Connectors.