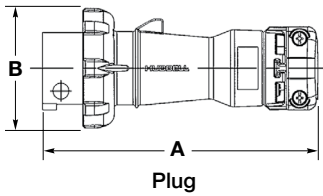
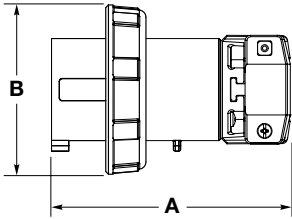


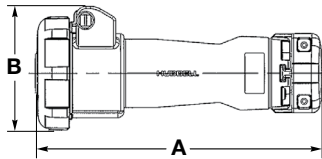
# Pin and Sleeve Devices/Mechanical Interlocks



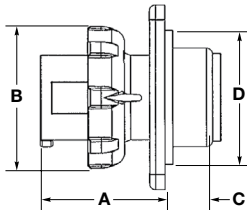
Plug



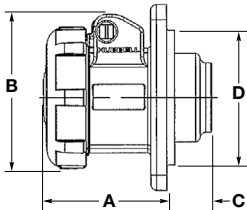
Short Housing Plug



Connector Body



Inlet



Receptacle

Dimensions in Inches (mm)

## Plug Dimensions

| Type  | A              | B             | Cord Grip Range           |
|---|----------------|---------------|---------------------------|
| <b>HBL320P</b>                                      | 6.61" (167.8)  | 2.87" (73.0)  | .330"-.830" (8.4-21.1)    |
| <b>HBL420P</b>                                      | 7.00" (177.8)  | 3.19" (81.0)  | .330"-.830" (8.4-21.1)    |
| <b>HBL520P</b>                                      | 7.65" (194.3)  | 3.50" (89.0)  | .330"-.830" (8.4-21.1)    |
| <b>HBL330P</b>                                      | 8.05" (204.5)  | 3.74" (95.0)  | .375"-1.250" (9.5-31.8)   |
| <b>HBL430P</b>                                      | 8.05" (204.5)  | 3.74" (95.0)  | .375"-1.250" (9.5-31.8)   |
| <b>HBL530P</b>                                      | 8.54" (216.9)  | 4.02" (102.0) | .500"-1.450" (12.7-36.8)  |
| <b>HBL360P, HBL460P, HBL560P</b>                    | 10.15" (257.8) | 4.49" (114.0) | .500"-1.450" (12.7-36.8)  |
| <b>HBL3100P, HBL4100P, M4100P, HBL5100P, M5100P</b> | 12.63" (320.8) | 4.92" (125.0) | 1.065"-1.940" (27.1-49.3) |

## Short Housing Plug Dimensions

| Type                | A              | B             | Cord Grip Range           |
|---------------------|----------------|---------------|---------------------------|
| <b>HBL5100P9WSH</b> | 8.30" (210.82) | 4.92" (125.0) | 1.065"-1.940" (27.1-49.3) |

## Connector Body Dimensions

| Type  | A             | B            | Cord Grip Range           |
|---|---------------|--------------|---------------------------|
| <b>HBL320C</b>                                      | 7.21 (183.1)  | 3.10 (78.9)  | .330"-.830" (8.4-21.1)    |
| <b>HBL420C</b>                                      | 7.57 (192.3)  | 3.43 (87.2)  | .330"-.830" (8.4-21.1)    |
| <b>HBL520C</b>                                      | 8.24 (209.2)  | 3.71 (94.3)  | .330"-.830" (8.4-21.1)    |
| <b>HBL330C</b>                                      | 8.24 (209.2)  | 3.71 (94.3)  | .375"-1.250" (9.5-31.8)   |
| <b>HBL430C</b>                                      | 8.69 (220.6)  | 3.74 (95.0)  | .375"-1.250" (9.5-31.8)   |
| <b>HBL530C</b>                                      | 9.33 (237.0)  | 4.02 (102.1) | .500"-1.450" (12.7-36.8)  |
| <b>HBL360C, HBL460C, HBL560C</b>                    | 10.75 (272.9) | 4.39 (111.5) | .500"-1.450" (12.7-36.8)  |
| <b>HBL3100C, HBL4100C, M4100C, HBL5100C, M5100C</b> | 13.14 (333.8) | 5.06 (128.5) | 1.065"-1.940" (27.1-49.3) |

## Inlet Dimensions

| Type  | A             | B            | C            | D             | E             | F             |
|---|---------------|--------------|--------------|---------------|---------------|---------------|
| <b>HBL320B</b>                                      | 2.54" (64.5)  | 1.85" (47.0) | 1.14" (29.0) | 2.72" (69.0)  | 3.75" (95.3)  | 3.13" (79.5)  |
| <b>HBL420B</b>                                      | 2.54" (64.5)  | 2.11" (53.6) | 1.14" (29.0) | 2.72" (69.0)  | 3.75" (95.3)  | 3.13" (79.5)  |
| <b>HBL520B</b>                                      | 2.54" (64.5)  | 2.41" (61.2) | 1.14" (29.0) | 2.72" (69.0)  | 3.75" (95.3)  | 3.13" (79.5)  |
| <b>HBL330B</b>                                      | 2.99" (76.0)  | 2.49" (63.2) | 1.04" (26.5) | 2.72" (69.0)  | 3.75" (95.3)  | 3.13" (79.5)  |
| <b>HBL430B</b>                                      | 2.99" (76.0)  | 2.49" (63.2) | 1.04" (26.5) | 2.72" (69.0)  | 3.75" (95.3)  | 3.13" (79.5)  |
| <b>HBL530B</b>                                      | 2.99" (76.0)  | 2.75" (69.9) | 1.04" (26.5) | 2.80" (71.0)  | 3.75" (95.3)  | 3.13" (79.5)  |
| <b>HBL360B, HBL460B, HBL560B</b>                    | 4.04" (102.6) | 2.97" (75.5) | 1.18" (30.0) | 3.46" (88.0)  | 4.50" (114.3) | 3.88" (98.5)  |
| <b>HBL3100B, HBL4100B, M4100B, HBL5100B, M5100B</b> | 4.53" (115)   | 3.44" (87.5) | 1.95" (49.5) | 3.94" (100.0) | 5.50" (139.7) | 4.88" (124.0) |

## Receptacle Dimensions

| Type  | A           | B            | C           | D           | E               | F                 |
|---|-------------|--------------|-------------|-------------|-----------------|-------------------|
| <b>HBL320R</b>                                      | 2.47 (62.8) | 3.10 (78.9)  | .91 (23.0)  | 2.71 (68.9) | 3.75 (95.3)     | 3.13 (79.4)       |
| <b>HBL420R</b>                                      | 2.46 (62.4) | 3.43 (87.2)  | .91 (23.0)  | 2.71 (68.9) | 3.75 (95.3)     | 3.13 (79.4)       |
| <b>HBL520R</b>                                      | 2.50 (63.4) | 3.71 (94.3)  | .90 (22.9)  | 2.71 (68.9) | 3.75 (95.3)     | 3.12 (79.3)       |
| <b>HBL330R</b>                                      | 2.74 (69.7) | 3.74 (95.0)  | 1.04 (26.5) | 2.71 (68.9) | 3.75 (95.3) SQ  | 4X 3.13 (79.4) SQ |
| <b>HBL430R</b>                                      | 2.74 (69.7) | 3.74 (95.0)  | 1.04 (26.5) | 2.71 (68.9) | 3.75 (95.3) SQ  | 4X 3.13 (79.4) SQ |
| <b>HBL530R</b>                                      | 2.75 (69.7) | 4.02 (102.1) | 1.04 (26.5) | 2.83 (71.9) | 3.75 (95.3) SQ  | 3.13 (79.4) SQ    |
| <b>HBL360R, HBL460R, HBL560R</b>                    | 3.67 (93.2) | 4.39 (111.5) | 1.57 (40.0) | 3.45 (87.7) | 4.50 (114.3) SQ | 3.88 (98.4) SQ    |
| <b>HBL3100R, HBL4100R, M4100R, HBL5100R, M5100R</b> | 3.78 (96.1) | 5.07 (128.7) | 2.30 (58.5) | 3.93 (99.8) | 4.87 (123.7) SQ | 5.50 (139.7) SQ   |

Note: 20, 30, 60 and 100A devices are dimensionally equivalent to 16, 32, 63 and 125A devices, respectively.