ELLIOTT ELECTRIC SUPPLY
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2310 N. Stallings Dr.
Nacogdoches, TX 75964-0
Phone: 9365697941
Fax: 9365604685



# 4H #4 CU SPLIT BOLT

*ABB INSTALLATION PRODUCTS, INC*

| | |
|---|---|
| Catalog Number | 4H |
| Manufacturer | ABB INSTALLATION PRODUCTS, INC |
| Description | Split Bolt Connector, #8 AWG (Range for Equal Main and Tap-Solid) Conductor Size, #4 AWG (Range for Equal Main and Tap-Solid);#14 AWG (Minimum Tap with Maximum Main-Solid) Conductor Size, Non-Insulated, Copper Conductor Material, 1-1/16 in Overall Length, Split Terminal, 0.07 lb/EA |
| Weight per unit | 0.0710 (lbs/each) |
| Product Category | Large Terminals & Connectors |

## Features

| | |
|---|---|
| Material | Bronze Alloy |

## Material, Color, and Finish

| | |
|---|---|
| Color | Metallic |

## Descriptions

| | |
|---|---|
| Also Known As... | Bug |
| | Monkey balls |
| | Split Bolt Connector |
| | Kearnys |
| Description | #4 CU SPLIT BOLT |
| Long Description | Type H - High Strength Split-Bolt Connector, Conductor Range for Equal Main and Tap 4 Sol-8 Sol, Conductor Range for Min Tap with One Max Main 14 Sol |
| Product Type | H-STRNGTH Splitblt Conn 4-8SLD |
| Special Features | Bolt and nut of high-strength corrosion-resistant bronze alloy. Copper pressure bar. Bolt and nut of hex design |
| Extra Long Description | TB 4H H-STRNGTH SPLITBLT CONN 4-8SL |
| Similar Brands | Servit® |

## Manufacturer Information

| | |
|---|---|
| Brand | Blackburn Mechanical |
| | ABB - Installation Products |
| GTIN | 00783786200252 |
| UPC | 786210 |

## Taxonomies, Classifications, and Categories

| | |
|---|---|
| Category Description | SPLIT BOLTS |
| Type | Split-Bolt |

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## Packaging

| | |
|---|---|
| Carton | 100 |
| Weight Per Each | 0.0710 (lbs/each) |

## Uses, Certifications, and Standards

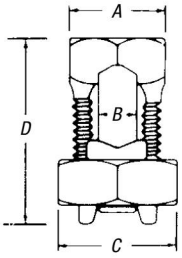
| | |
|---|---|
| Application | Splicing, tapping or terminating conductors in power and grounding electrical connection |
| Standard | UL E9809 |

## Split-Bolt Connectors

# For copper-to-copper connections.

### Type H — High-Strength Split-Bolt Connectors






- Bolt and nut of high-strength corrosion-resistant bronze alloy
- Pressure bar is copper through 40H, copper alloy for 350 kcmil and above
- Bolt and nut of hex design up to 350 kcmil
- Tested and Listed to UL486C, UL467 for grounding and for direct burial through Cat. No. 40H

| CAT. NO. | CONDUCTOR RANGE (AWG OR KCMIL) RANGE FOR EQUAL MAIN AND TAP | MIN. TAP WITH ONE MAX. MAIN | DIMENSIONS (IN.) A | B | C | D |
|---|---|---|---|---|---|---|
| 9H | 10 Str.–12 Sol. | 14 Sol. | 3/8 | .146 | 1/2 | 25/32 |
| 8H | 8 Str.–10 Sol. | 14 Sol. | 3/8 | .146 | 1/2 | 25/32 |
| 8H3* | 8 Str.–12 Sol. | 16 Str. | 3/8 | .146 | 1/2 | 29/32 |
| 6H | 6 Sol.–8 Sol. | 14 Sol. | 15/32 | .170 | 21/32 | 31/32 |
| 6H3* | 6 Sol.–10 Sol. | 16 Str. | 15/32 | .170 | 21/32 | 1 1/8 |
| 4H | 4 Sol.–8 Sol. | 14 Sol. | 17/32 | .235 | 23/32 | 1 1/16 |
| 4H3* | 4 Sol.–8 Sol. | 16 Str. | 17/32 | .235 | 23/32 | 1 9/32 |
| 3H | 3 Sol.–8 Sol. | 16 Str. | 17/32 | .235 | 23/32 | 1 1/16 |
| 3H3* | 4 Str.–8 Sol. | 16 Str. | 17/32 | .235 | 23/32 | 1 9/32 |
| 2H | 2 Sol.–6 Sol. | 14 Sol. | 19/32 | .271 | 25/32 | 1 1/4 |
| 2H3* | 2 Sol.–6 Sol. | 14 Sol. | 19/32 | .271 | 25/32 | 1 15/32 |
| 1H | 2 Str.–6 Sol. | 14 Sol. | 11/16 | .330 | 7/8 | 1 11/32 |
| 1H3** | 2 Str.–6 Sol. | 14 Sol. | 11/16 | .330 | 7/8 | 1 5/8 |
| 10H | 1/0 Str.–4 Sol. | 14 Sol. | 3/4 | .385 | 15/16 | 1 19/32 |
| 20H | 2/0 Str.–2 Sol. | 14 Sol. | 7/8 | .443 | 1 1/16 | 1 13/16 |
| 30H | 4/0 Str.–2 Sol. | 6 Sol. | 1 | .580 | 1 5/16 | 2 5/32 |
| 40H | 250 kcmil–1 Str. | 8 Sol. | 1 | .580 | 1 5/16 | 2 5/32 |
| 350M | 350 kcmil–250 kcmil | 1/0 Str. | 15/16 | .717 | 1 21/32 | 2 11/16 |
| 500M | 500 kcmil–400 kcmil | 2/0 Str. | 1 1/2 | .842 | 1 7/8 | 3 1/32 |
| 750M | 750 kcmil–600 kcmil | 4/0 Str. | 1 15/16 | 1.029 | 2 1/4 | 3 21/32 |
| 1000M | 1,000 kcmil–800 kcmil | 4/0 Str. | 2 1/4 | 1.185 | 2 17/32 | 4 1/32 |

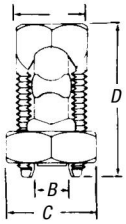
** Will accommodate three wires of maximum size. The H3 bolts are not UL Listed or CSA Certified.*

*** Will accommodate three #2 Stranded wires. UL recognizes solid and stranded conductor configurations for sizes #8 and smaller and stranded configurations only for sizes #6 and larger.*

# For use on copper, aluminum and ACSR conductors.

### Type HPS — Plated Split-Bolt Connectors with Spacer






- Bolt and pressure bar of copper alloy, completely tin plated for corrosion resistance
- Contoured spacer of electrolytic copper up through 4/0, bronze alloy for 350 kcmil and above, all tin plated
- Most connectors are UL® Listed and CSA Certified for copper conductor only
- Blackburn Contax® paste recommended when used on aluminum conductor

| CAT. NO. | CONDUCTOR RANGE (AWG OR KCMIL) RANGE FOR EQUAL MAIN AND TAP ACSR | RANGE FOR EQUAL MAIN AND TAP COPPER OR ALUMINUM | MIN. TAP WITH ONE MAX. MAIN | DIMENSIONS (IN.) A | B | C | D |
|---|---|---|---|---|---|---|---|
| 9HPS | — | 10 Str.–12 Sol. | 12 Sol. | 3/8 | .146 | 1/2 | 29/32 |
| 8HPS | — | 8 Str.–12 Sol. | 12 Sol. | 3/8 | .146 | 1/2 | 29/32 |
| 6HPS | 8 | 6 Sol.–12 Sol. | 12 Sol. | 15/32 | .170 | 21/32 | 1 1/8 |
| 4HPS | 6–8 | 4 Sol.–12 Sol. | 12 Sol. | 17/32 | .235 | 23/32 | 1 9/32 |
| 2HPS | 4–8 | 2 Sol.–8 Sol. | 8 Sol. | 19/32 | .271 | 25/32 | 1 15/32 |
| 1HPS | 2–8 | 1 Str.–8 Sol. | 8 Sol. | 11/16 | .330 | 7/8 | 1 5/8 |
| 10HPS | 1–6 | 1/0 Str.–6 Sol. | 6 Sol. | 3/4 | .385 | 15/16 | 1 13/16 |
| 20HPS | 1/0–6 | 2/0 Str.–6 Str. | 6 Sol. | 7/8 | .443 | 1 1/16 | 2 1/16 |
| 40HPS | 4/0–4 | 4/0 Str.–4 Sol. | 4 Sol. | 1 | .580 | 1 5/16 | 2 15/32 |
| 350HPS | 266.8–1/0 | 350 kcmil–1/0 Str. | 2 Sol. | 1 5/16 | .717 | 1 21/32 | 2 11/16 |
| 500HPS* | 397.5–1/0 | 500 kcmil–1/0 Str. | 1/0 Str. | 1 1/2 | .842 | 1 7/8 | 3 1/32 |
| 750HPS* | 666.6–4/0 | 750 kcmil–4/0 Str. | 2/0 Str. | 1 15/16 | 1.029 | 2 1/4 | 3 21/32 |
| 1000HPS* | 900–477 | 1,000 kcmil–500 kcmil | 4/0 Str. | 2 1/4 | 1.185 | 2 17/32 | 4 1/32 |

** Not CSA Certified. UL 486A.*