ELLIOTT ELECTRIC SUPPLY
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9707 Broadway St
San Antonio, TX 78217-0
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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

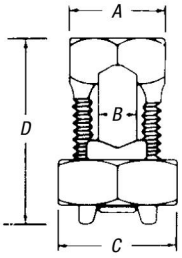
Application	Splicing, tapping or terminating conductors in power and grounding electrical connection
Standard	UL E9809

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

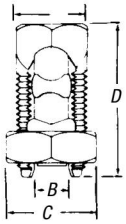
** Will accommodate three wires of maximum size. The H3 bolts are not UL Listed or CSA Certified.*

*** 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.*