

Split-bolt connectors

Type HPS – Plated split-bolt connectors with spacer



For use on copper, aluminum and ACSR conductors

- Most connectors are CSA certified and UL listed for copper conductors only
- Bolt and pressure bar of copper alloy completely tin-plated
- Contoured spacer of electrolytic copper up through 4/0 AWG; bronze alloy 350 kcmil and above, all tin-plated
- Blackburn Contax recommended when used on aluminum conductors



Diagram	Cat. no.	Conductor range (AWG or)			Dimensions (in.)			
		Range for equal main and tap	Range for equal main and tap	Min. tap with one max. main	A	B	C	D
		ACSR	Copper or aluminum					
	9HPS	–	10 str.–12 sol.	12 sol.	3/8	0.146	1/2	29/32
	8HPS	–	8 str.–12 sol.	12 sol.	3/8	0.146	1/2	29/32
	6HPS	8	6 str.–12 sol.	12 sol.	15/32	0.170	21/32	1 1/8
	4HPS	6–8	4 sol.–12 sol.	12 sol.	17/32	0.235	23/32	1 9/32
	2HPS	4–8	2 sol.–8 sol.	8 sol.	19/32	0.274	25/32	1 15/32
	1HPS	2–8	1 str.–8 sol.	8 sol.	11/16	0.330	7/8	1 5/8
	10HPS	1–6	1/0 str.–6 sol.	6 sol.	3/4	0.385	15/16	1 13/16
	20HPS	1/0–6	2/0 str.–6 sol.	6 sol.	7/8	0.443	1 1/16	2 1/16
	40HPS	4/0–4	4/0 str.–4 sol.	4 sol.	1	0.580	1 5/16	2 15/32
	350HPS	266.8–1/0	350–1/0 str.	2 sol.	1 5/16	0.717	1 21/32	2 11/16
	500HPS*	397.5–1/0	500–1/0 str.	1/0 str.	1 1/2	0.842	1 7/8	3 3/32
	750HPS*	666.6–4/0	750–4/0 str.	2/0 str.	1 15/16	1.029	2 1/4	3 21/32
	1000HPS*	900–477	1000–500	4/0 str.	2 1/4	1.185	2 17/32	4 1/32

* CSA not applicable.

Type HPW – Plated split-bolt connectors with spacer and washer



For use on combinations of copper, aluminum and ACSR conductors

- Most connectors are CSA certified and UL listed for copper conductors only
- Bolt and pressure bar of high strength copper alloy completely tin-plated; spacer and washer of electrolytic copper up through 4/0 AWG; bronze alloy 350 kcmil and above, all tin-plated
- Contoured spacer and bell mouth washer distribute pressure over large area of conductor
- Large contoured spacer provides wide separation between copper and aluminum conductors
- Blackburn Contax recommended when used with aluminum conductors



Diagram	Cat. no.	Conductor range (AWG or kcmil)			Dimensions (in.)			
		Range for equal main and tap	Range for equal main and tap	Min. tap with one max. main	A	B	C	D
		ACSR	Copper or aluminum					
	6HPW	8	6 sol.–12 sol.	12 sol.	15/32	0.170	21/32	1 1/8
	4HPW	6–8	4 sol.–12 sol.	12 sol.	17/32	0.235	23/32	1 9/32
	2HPW	4–8	2 sol.–8 sol.	8 sol.	19/32	0.271	25/32	1 15/32
	1HPW	2–8	1 str.–8 sol.	8 sol.	11/16	0.330	7/8	1 5/8
	10HPW	1–6	1/0 str.–6 sol.	6 sol.	3/4	0.385	15/16	1 13/16
	20HPW	1/0–6	2/0 str.–6 sol.	6 sol.	7/8	0.443	1 1/16	2 1/16
	40HPW*	4/0–4	4/0 str.–4 sol.	4 sol.	1	0.580	1 5/16	2 15/32

* CSA not applicable.