

TYPE BIPC

Insulation Piercing Connector for Copper and Aluminum

cULus Listed 90° C, *600 Volt



The Type BIPC, BURNDY® Insulation Piercing Connector is ideally suited for splicing, tapping and dead-ending aluminum and copper conductor wire sizes: #14 AWG to 750 kcmil. Utilizes shearing installation technology, 6-point socket impact driver for easy installation and removal; no torque wrench required.



Fig. 1



Fig. 2

Catalog Number	Run Tap	Range	Insul Thickness Range	Wire Size (Blue: Run Range; Red: Tap Range)																
				14	12	10	8	6	4	3	2	1	1/0	2/0	3/0	4/0	250	300	350	500
BIPC1/010SC	Run	#8 - 1/0	.045-.083																	
	Tap	#10 - #2	.030-.060																	
BIPC1/08SC	Run	#8 - 1/0	.050-.110																	
	Tap	#8 - 1/0	.030-.045																	
BIPC2/014S	Run	#6 - 2/0	.040-.080																	
	Tap	#14 - #8	.030-.060																	
BIPC4/010S	Run	#3 - 4/0	.040-.080																	
	Tap	#10 - #2	.030-.060																	
BIPC2504SC	Run	#1 - 250	.040-.080																	
	Tap	#4 - 4/0	.040-.080																	
BIPC50010SC*	Run	3/0 - 500	.040-.095																	
	Tap	#10 - #2	.040-.080																	
BIPC75014	Run	3/0 - 750	.050-.110																	
	Tap	#14 - #10	.030-.063																	
BIPC3501/0SC	Run	1/0 - 350	.045-.095																	
	Tap	1/0 - 350	.045-.095																	
BIPC5004SC	Run	2/0 - 350 (500**)	.045-.136																	**
	Tap	#4 - 4/0	.040-.080																	
BIPC5001/0S	Run	4/0 - 500	.050-.136																	
	Tap	1/0 - 350	.045-.095																	
BIPC5004/0SC*	Run	4/0 - 500	.050-.136																	
	Tap	4/0 - 500	.050-.136																	
BIPC7502SC*	Run	250 - 500 (750**)	.060-.136																	**
	Tap	#2 - 4/0	.040-.083																	
BIPC750250SC	Run	250 - 500 (750**)	.060-.136																	**
	Tap	250 - 500	.060-.136																	

* Not cULus Listed

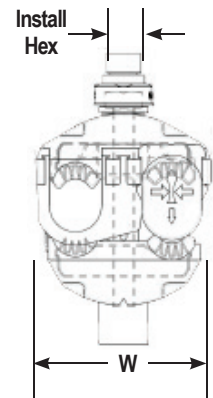
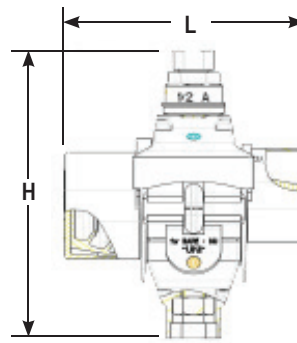
**Max run conductor size can only be achieved in TAP orientation with end cap removed

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Continued

Features & Benefits

- Flexibility! One connector allows for tap, splice or dead-end configurations
- Time Savings! Requires no cable stripping, conductor brushing, inhibitor application or after installation taping
- Engineered shear bolt technology applies consistent torque for efficient and reliable connectors
- Easy installation and removal - only requires 6-point socket impact driver
- cULus Listed Splicing Wire Connector, AL9CU Rated, for copper and aluminum conductor combinations up to 90°C, *600 Volt applications
- Insulation piercing design for use in multiple applications - overhead covered and bare taps, service and metering connections, and lighting system work
- Range taking design reduces the number of SKUs necessary to cover from #14 AWG up to 750 kcmil



Catalog Number	Conductor Range		Figure	Install Hex Socket	H	L	W
	Run	Tap					
BIPC1/010SC	#8 - 1/0	#10 - #2	1	1/2	3.70	3.00	2.00
BIPC1/08SC	#8 - 1/0	#8 - 1/0	1	1/2	3.70	3.00	2.00
BIPC2/014S	#6 - 2/0	#14 - #8	1	1/2	2.87	2.16	1.54
BIPC4/010S	#3 - 4/0	#10 - #2	1	1/2	3.66	2.76	1.73
BIPC2504SC	#1 - 250	#4 - 4/0	1	1/2	4.09	3.46	2.64
BIPC50010SC*	3/0 - 500	#10 - #2	1	1/2	4.09	2.20	2.40
BIPC75014	3/0 - 750	#14 - #10	1	1/2	4.13	2.76	2.40
BIPC3501/0SC	1/0 - 350	1/0 - 350	2	5/8	5.16	5.04	3.11
BIPC5004SC	2/0 - 500 (750**)	#4 - 4/0	2	5/8	5.28	5.04	3.11
BIPC5001/0S	4/0 - 500	1/0 - 350	2	5/8	5.28	5.04	2.91
BIPC5004/0SC*	4/0 - 500	4/0 - 500	2	5/8	5.47	5.75	3.58
BIPC7502SC*	250 - 500 (750**)	#2 - 4/0	2	5/8	5.47	5.75	3.58
BIPC750250SC	250 - 500 (750**)	250 - 500	2	5/8	5.47	5.75	3.58

* Not cULus Listed

**Max run conductor size can only be achieved in TAP orientation with end cap removed

BURNDY Catalog Numbers with suffix S come with red spacer component, to be left in

BURNDY Catalog Numbers with suffix SC come with red spacer component as well as end caps installed; end caps can be rearranged to meet install requirements (tap, splice, or dead-end)