TYPE BIPC Insulation Piercing Connector for Copper and Aluminum

cULus Listed 90° C, *600 Volt

BURNDY® declares that the BIPC Connectors are suitable for use on the line side of service equipment, as determined by ANSI C119.5 testing performed in an ISO 17025 accredited laboratory.

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.

c UL us LISTED
Splicing Wire Connector
AL9CU

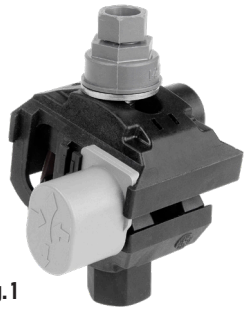


Fig. 1



Fig. 2

** Not cULus Listed*

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

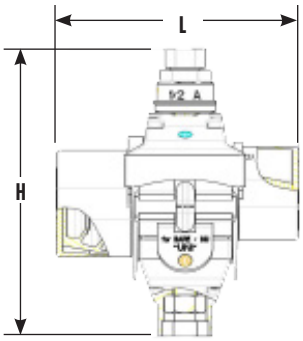
Catalog Number	Run / Tap	Range	Insul Thickness Range	Wire Size (Blue: Run Range; Red: Tap Range)																
				14	12	10	8	6	4	3	2	1	1/0	2/0	3/0	4/0	250	300	350	500	750
BIPC1/010SC	Run	#8 - 1/0	.045-.083																		
	Tap	#10 - #2	.030-.060																		
BIPC1/08SC	Run	#8 - 1/0	.050-.110																		
	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																		

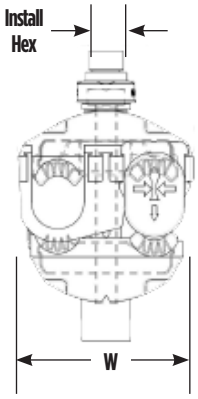
Insulation Piercing Connector with Shear Bolt

TYPE BIPC Continued

Features & Benefits

- Suitable for use on the line side of service equipment
- 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





** 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)

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 - 350 (500**)	#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