



Service Entrance Splices

Uninsulated Aluminum Service Entrance Compression Splices — 1/2 in. Die Series

Basic uninsulated splices for service entrances

- Provides high-conductivity
- Easy cable insertion
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- Approved by the Federal government for utility use



Q 1 U 54

Cat. No.	Conductor A				Conductor B			
	Colour	Sol.	Str.	ACSR	Colour	Sol.	Str.	ACSR
Q 1 U 52	Green	#6	#8	-	Green	#6	#8	-
Q 1 U 53					Brown	#8	#10	-
Q 1 U 54	Blue	#4	-	#6-6/1	Blue	#4	-	#6-6/1
Q 1 U 55					Green	#6	#8	-
Q 1 U 56					Brown	#8	#10	-
Q 1 U 57	Orange	#2	-	#4-6/1, 7/1	Orange	#2	-	#4-6/1, 7/1
Q 1 U 58					Blue	#4	-	#6-6/1
Q 1 U 59					Green	#6	#8	-
Q 1 U 60					Brown	#8	#10	-
Q 1 U 65	Red	#1	#1 and #2	#2-6/1, 7/1	Red	#1	#1 and #2	#2-6/1, 7/1
Q 1 U 67					Orange	#2	-	#4-6/1, 7/1
Q 1 U 68					Blue	#4	-	#6-6/1
Q 1 U 69					Green	#6	#8	-
Q 1 U 70					Brown	#8	#10	-



U 1 B 1010 EC



CS73

Service Entrance Splices

Aluminum Service Entrance Compression Splices — U 1 B™ and CS™ 5/8 in. Die Series

Standard 2 in. length compression splices

- Provides high-conductivity
- Easy cable insertion
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors. RUS accepted.
- Approved by the Federal government for utility use

Homac® Cat. No.	Blackburn® Cat. No.	Conductor A				Conductor B			
		Colour	ACSR	Str.	Sol.	Colour	ACSR	Str.	Sol.
U 1 B 11	—	Brown	—	#10	#8	Brown	—	#10	#8
U 1 B 88	CS61	Green		#8	#6	Green		#8	#6
U 1 B 81	—		Blue	#6 (6/1)	—	#4	Brown	#10	#8
U 1 B 66	CS64	Blue					#6 (6/1)	—	#4
U 1 B 68	CS63	Green					—	#8	#6
U 1 B 61	CS62	Brown					—	#10	#8
U 1 B 612	—	Orange	#4 (6/1, 7/1)	—	#2	Black	#12	#10	
U 1 B 44	CS68					Orange	#4 (6/1, 7/1)	—	#2
U 1 B 46	CS67					Blue	#6 (6/1)	—	#4
U 1 B 48	CS66					Green	—	#8	#6
U 1 B 41	CS65	Red	#2 (6/1, 7/1)	#1 and #2	#1	Brown	#10	#8	
U 1 B 22	CS73					Red	#2 (6/1, 7/1)	#1 and #2	#1
U 1 B 24	CS72					Orange	#4 (6/1, 7/1)	—	#2
U 1 B 26	CS71					Blue	#6 (6/1)	—	#4
U 1 B 28	CS70					Green	—	#8	#6
U 1 B 21	CS69					Brown	—	#10	#8
U 1 B 1010	CS78	Yellow	1/0 (6/1)	1/0	#1	Yellow	1/0 (6/1)	1/0	—
U 1 B 102	CS77					Red	#2 (6/1, 7/1)	#1 and #2	#1
U 1 B 104	CS76					Orange	#4 (6/1, 7/1)	—	#2
U 1 B 106	CS75					Blue	#6 (6/1)	—	#4
U 1 B 108	CS74					Green	—	#8	#6
—	CS84					Yellow	1/0 (6/1)	1/0	—
—	CS85	Grey	—	2/0	—				
—	—	Grey	—	2/0	—				

To have the connector individually supplied with end caps, add “-EC” suffix to the catalogue number.



Service Entrance Splices

Insulated Aluminum Service Entrance Compression Splices — U 5/8 in. Die Series (Standard Length, 2-25/32 in.)

For standard conductors

- Provides high-conductivity
- Easy cable insertion
- Resist installing tool pressure and provide reliable 600V insulation
- Prevents oxidation and keeps out moisture
- Simplifies installation
- Makes identification easy
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- Approved by the Federal government for utility use



URR 22



ICS73-1

Homac® Cat. No.	Blackburn® Cat. No.	Conductor A						Conductor B												
		Colour	ACSR	Str.	Sol.	Diameter (in.)		Colour	ACSR	Str.	Sol.	Diameter (in.)								
						Max.	Min.					Max.	Min.							
UGBR 81	—	Green	—	#8	#6	0.162	0.144	Brown	—	#10	#8	0.128	0.114							
UGG 88	ICS61-1							Green		#8	#6	0.162	0.144							
UBBR 61	ICS62-1	Blue	#6	#6	#4	0.204	0.184	Brown	#6	#10	#8	0.128	0.114							
UBG 68	ICS63-1							Green		#8	#6	0.162	0.144							
UBB 66	ICS64-1							Blue		#6	#4	0.204	0.184							
UOBR 41	ICS65-1							Brown		#10	#8	0.128	0.114							
UOG 48	ICS66-1	Orange	#4	#4	#2	0.258	0.213	Green	#6	#8	#6	0.162	0.144							
UOB 46	ICS67-1							Blue		#6	#4	0.204	0.184							
UOO 44	ICS68-1							Orange		#4	#2	0.258	0.213							
URBR 21	—							Brown		#10	#8	0.128	0.114							
URG 28	ICS70-1	Red	#2	#1 and #2	—	0.328	0.268	Green	#6	#8	#6	0.162	0.144							
URB 26	ICS71-1							Blue		#6	#4	0.204	0.184							
URO 24	ICS72-1							Orange		#4	#2	0.258	0.213							
URR 22	ICS73-1							Red		#2	#1 and #2	—	0.328	0.268						
UYG 08	ICS74-1	Yellow	1/0	1/0	—	0.398	0.368	Green	#6	#8	#6	0.162	0.144							
UYB 06	ICS75-1							Blue		#6	#4	0.204	0.184							
UYO 04	ICS76-1							Orange		#4	#2	0.258	0.213							
UYR 02	ICS77-1							Red		#2	#1 and #2	—	0.328	0.268						
UYU 00	ICS78-1							—		—	—	—	—	—	—	—	—	—	—	—
								Yellow		1/0	1/0	—	0.398	0.368						



U 1 N 106

Service Entrance Splices

Insulated Aluminum Service Entrance Compression Splices — U 1 N 5/8 in. Die Series (Longer Length, 3-1/4 in.)

For standard conductors

- Provides high-conductivity
- Easy cable insertion
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- Approved by the Federal government for utility use

Cat. No.	Conductor A				Conductor B			
	Colour	Sol.	Str.	ACSR	Colour	Sol.	Str.	ACSR
U 1 N 16	Brown	#8	#10	-	Green	#6	#8	-
U 1 N 11					Brown	#8	#10	
U 1 N 12					Red	#1	#2	
U 1 N 88	Green	#6	#8	-	Green	#6	#8	-
U 1 N 81					Brown	#8	#10	
U 1 N 66					Blue	#4	-	
U 1 N 68	Blue	#4	-	#6-6/1	Green	#6	#8	-
U 1 N 61					Brown	#8	#10	
U 1 N 44					Orange	#2	-	
U 1 N 46	Orange	#2	-	#4-6/1, 7/1	Blue	#4	#8	#6-6/1
U 1 N 48					Green	#6	#8	
U 1 N 41					Brown	#8	#10	
U 1 N 22	Red	#1	#1 and #2	#2-6/1, 7/1	Red	#1	#1 and #2	#2-6/1, 7/1
U 1 N 24					Orange	#2	#3 and #4	#4-6/1, 7/1
U 1 N 26					Blue	#4	#5 and #6	#6-6/1
U 1 N 28	Red	#1	#1 and #2	#2-6/1, 7/1	Green	#6	#8	-
U 1 N 21					Brown	#8	#10	
U 1 N 1010					Yellow	-	1/0	
U 1 N 102	Yellow	#1	1/0	1/0-6/1	Red	#1	#1 and #2	#2-6/1
U 1 N 104					Orange	#2	-	#4-6/1
U 1 N 106					Blue	#4	-	#6-6/1
U 1 N 108					Green	#6	#8	-



Service Entrance Splices

Insulated Aluminum Service Entrance Compression Splices — U 5/8 in. Die Series (Longer Length, 3-1/4 in.)

For compact conductors

- Provides high-conductivity
- Easy cable insertion
- Resist installing tool pressure and provide reliable 600V insulation
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- Approved by the Federal government for utility use



Cat. No.	Conductor A				Conductor B				
	Colour	Str.	Compt.	Comp.	Colour	Str.	Compt.	Sol.	Comp.
U 61 BBR	Blue	#6	#6	#6	Brown	#10	—	#8	—
U 68 BG					Green	#8	#8	—	#8
U 66 BB	Blue	#4	#4	#4	Blue	#6	#6	—	#6
U 41 OBR					Brown	#10	—	#8	—
U 48 OG	Orange	#4	#4	#4	Green	#8	#8	—	#8
U 46 OB					Blue	#6	#6	—	#6
U 44 OO					Orange	#4	#4	—	#4
U 21 RBR					Brown	#10	—	#8	—
U 28 RG	Red	#2	#2	#2	Green	#8	#8	—	#8
U 26 RB					Blue	#6	#6	—	#6
U 24 RO					Orange	#4	#4	—	#4
U 22 RR					Red	#2	#2	—	#2
U 101 YBR	Yellow	1/0	1/0	1/0	Brown	#10	—	#8	—
U 108 YG					Green	#8	#8	—	#8
U 106 YB					Blue	#6	#5	—	#6
U 104 YO					Orange	#4	#4	—	#4
U 102 YR					Red	#2	#2	—	#2
U 1010 YY					Yellow	1/0	1/0	—	1/0

Sold in standard carton quantities only.



Service Entrance Splices

Insulated Aluminum Service Entrance Compression Splices — 840 Die Series

5-1/2 in. long, these splices are ideal for heavy-duty overhead services

- Provides high-conductivity
- Easy cable insertion
- Resist installing tool pressure and provide reliable 600V insulation
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- Approved by the Federal government for utility use



X 1 N 204



IKL47

Homac® Cat. No.	Blackburn® Cat. No.	Conductor A					Conductor B				
		Colour	ACSR	Str.	Compr.	Compt.	Colour	ACSR	Str.	Compr.	Compt.
X 1 N 104	IKL34	Yellow	1/0	1/0	1/0	2/0	Orange	#4	#4	#4	—
X 1 N 102	IKL35						Red	#2	#1	#1	1/0
X 1 N 1010	IKL36						Yellow	1/0	1/0	1/0	2/0
X 1 N 204	IKL44	Grey	2/0	2/0	2/0	3/0	Orange	#4	—	—	—
X 1 N 202	IKL45						Red	#2	#1	#1	1/0
X 1 N 2010	IKL46						Yellow	1/0	1/0	1/0	2/0
X 1 N 2020	IKL47						Grey	2/0	2/0	2/0	3/0
X 1 N 304	IKL54	Black	3/0	3/0	3/0	4/0	Orange	#4	—	—	—
X 1 N 302	IKL55						Red	#2	#1	#1	1/0
X 1 N 3010	IKL56						Yellow	1/0	1/0	1/0	2/0
X 1 N 3020	IKL57						Grey	2/0	2/0	2/0	3/0
X 1 N 3030	IKL58						Black	3/0	3/0	3/0	4/0
X 1 N 404	IKL64	Pink	4/0	4/0	4/0	250	Orange	#4	—	—	—
X 1 N 402	IKL65						Red	#2	#1	#1	1/0
X 1 N 4010	IKL66						Yellow	1/0	1/0	1/0	2/0
X 1 N 4020	IKL67						Grey	2/0	2/0	2/0	3/0
X 1 N 4030	IKL68						Black	3/0	3/0	3/0	4/0
X 1 N 4040	IKL69						Pink	4/0	4/0	4/0	250



Service Entrance Splices

Uninsulated Aluminum Service Entrance Compression Splices — 840 Die Series

Ideal for large residential and commercial service drops

- Provides high-conductivity
- Enable quick wire positioning, proper distribution of inhibitor around the wire and current equalization on stranded conductors
- Prevents oxidation and keeps out moisture
- Easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors. Also tested and approved for EEI installing dies.
- Approved by the Federal government for utility use



X 1 U 33610



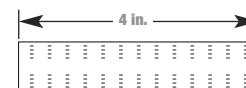
X 1 U 2020



Cat. No.	Conductor A					Conductor B				
	Colour	Solid		Str.	ACSR	Colour	Solid		Str.	ACSR
		Al	Cu				Al	Cu		
X 1 U 44	Orange	#2	#2	-	#4	Orange	#2	#2	-	#4
X 1 U 24	Red	#1	#1	#1 & #2	#2	Orange	#2	#2	-	#4
X 1 U 22						Red	#1	#1	#1 & #2	#2
X 1 U 104	Yellow	1/0, 2/0	-	1/0	1/0	Orange	#2	#2	-	#4
X 1 U 102						Red	#1	#1	#1 & #2	#2
X 1 U 1010	Grey	3/0	-	2/0	2/0	Yellow	1/0 & 2/0	-	1/0	1/0
X 1 U 204						Orange	#2	#2	-	#4
X 1 U 202	Black	4/0	-	3/0	3/0	Red	#1	#1	#1 & #2	#2
X 1 U 2010						Yellow	1/0 & 2/0	-	1/0	1/0
X 1 U 2020	Pink	-	-	4/0	4/0	Grey	3/0	-	2/0	2/0
X 1 U 304						Orange	#2	#2	-	#4
X 1 U 302	Black	4/0	-	3/0	3/0	Red	#1	#1	#1 & #2	#2
X 1 U 3010						Yellow	1/0 & 2/0	-	1/0	1/0
X 1 U 3020	Black	4/0	-	3/0	3/0	Grey	3/0	-	2/0	2/0
X 1 U 3030						Black	4/0	-	3/0	3/0
X 1 U 404	Pink	-	-	4/0	4/0	Orange	#2	#2	-	#4
X 1 U 402						Red	#1	#1	#1 & #2	#2
X 1 U 4010	Pink	-	-	4/0	4/0	Yellow	1/0 & 2/0	-	1/0	1/0
X 1 U 4020						Grey	3/0	-	2/0	2/0
X 1 U 4030	Black	4/0	-	3/0	3/0	Black	4/0	-	3/0	3/0
X 1 U 4040						Pink	-	-	4/0	4/0

When using EEI 11A die, space compressions 1/8 in. apart.
 When installing with UT 5 tool, use H5 (upper) and H6 (lower) dies.
 When installing with a hydraulic tool, use 76 (2) die.

Cat. No.	Conductor A					Conductor B				
	Colour	Solid		Str.	ACSR	Colour	Solid		Str.	ACSR
		Al	Cu				Al	Cu		
X 1 U 266	Blue	350	-	250-266.8	266.8	Blue	350	-	250-266.8	266.8
X 1 U 2664						Orange	#2	#2	#3 & #4	#4
X 1 U 2662						Red	#1	#1	#1 & #2	#2
X 1 U 26610						Yellow	1/0 & 2/0	-	1/0	1/0
X 1 U 26620						Grey	3/0	-	2/0	2/0
X 1 U 26630						Black	4/0	-	3/0	3/0
X 1 U 26640	Pink	-	-	4/0	4/0					
X 1 U 336	Brown	397.5-400	-	300-350	336.4 (18/1)	Brown	397.5-400	-	300-350	336.4 (18/1)
X 1 U 3364						Orange	#2	#2	#3 & #4	#4
X 1 U 3362						Red	#1	#1	#1 & #2	#2
X 1 U 33610						Yellow	1/0 & 2/0	-	1/0	1/0
X 1 U 33620						Grey	3/0	-	2/0	2/0
X 1 U 33630						Black	4/0	-	3/0	3/0
X 1 U 33640	Pink	-	-	4/0	4/0					
X 1 U 33626	Blue	350	-	250-266.8	266.8					





Style 1
IPST 25040



Style 2
IPST 500350

Service Entrance Splices

Insulation-Piercing Splice and Tap Connectors

Break through and bolt down

- Provides high-conductivity
- Always provides the correct torque
- Provided with either 1/2 in. or 5/8 in. bolt head sizes. Cover a wide range of aluminum or copper main and tap conductors.
- Use in 90° applications with aluminum or copper conductors
- UL Listed



Cat. No.	Style	Conductor Range		Hex Bolt Size (in.)	Torque (lb.)		
		Main	Tap				
IPST 102*	1	1/0-#8	#2-#10	1/2	80		
IPST 1010*			1/0-#8		125		
IPST 2001		2/0-#4	#10-#14		80		
IPST 402		4/0-#3	#2-#10		125		
IPST 4020*		4/0-#2	2/0-#6		160		
IPST 4040*			4/0-#4				
IPST 25040		250-#1					
IPST 75001		750-3/0	#10-#14		80		
IPST 350350		2	350-1/0		350-1/0	5/8	330
IPST 50040			500-2/0		4/0-#4		
IPST 500350	500-4/0		350-1/0				
IPST 750500	750-250		500-250				

* Not UL Listed. Includes blue adapter for use on bare cable.