

Service Entrance Splices

Basic, uninsulated splices for service entrances.

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

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS Accepted



Q 1 U 54

CAT. NO.	CONDUCTOR A				CONDUCTOR B			
	COLOR	SOL.	STR.	ACSR	COLOR	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
Q 1 U 55	BLUE	#4	—	#6-6/1	GREEN	#6	#8	—
Q 1 U 56					BROWN	#8	#10	—
Q 1 U 57					ORANGE	#2	—	#4-6/1, 7/1
Q 1 U 58					BLUE	#4	—	#6-6/1
Q 1 U 59	ORANGE	#2	—	#4-6/1, 7/1	GREEN	#6	#8	—
Q 1 U 60					BROWN	#8	#10	—
Q 1 U 65					RED	#1	#1 & #2	#2-6/1, 7/1
Q 1 U 67					ORANGE	#2	—	#4-6/1, 7/1
Q 1 U 68	RED	#1	#1 & #2	#2-6/1, 7/1	BLUE	#4	—	#6-6/1
Q 1 U 69					GREEN	#6	#8	—
Q 1 U 70					BROWN	#8	#10	—

Service Entrance Splices

Standard 2" length compression splices.

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

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS Accepted



U 1 B 1010 EC



CS73

U 1 B SERIES CAT. NO.	CS SERIES CAT. NO.	CONDUCTOR A				CONDUCTOR B			
		COLOR	ACSR	STR.	SOL.	COLOR	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)	6	#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	BROWN	—	#10	#8				
U 1 B 22	CS73	RED	#2 (6/1, 7/1)	#1 & #2	#1	RED	#2 (6/1, 7/1)	#1 & #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 & #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	GRAY	—	2/0	—	YELLOW	1/0 (6/1)	1/0	—
—	CS85					GRAY	—	2/0	—

Service Entrance Splices

For standard conductors.

Insulated Aluminum Service Entrance Compression Splices — U and ICS 5/8" Die Series (Standard Length, 2²⁵/₃₂" Long)

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Tough stabilized nylon sleeves resist installing-tool pressure and provide reliable 600V insulation
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Splices have colored end caps to make identification easy
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS Accepted



URR 22



ICS73-1

U SERIES CAT. NO.	ICS SERIES CAT. NO.	CONDUCTOR A						CONDUCTOR B					
		COLOR	ACSR	STR.	SOL.	DIAMETER (IN.)		COLOR	ACSR	STR.	SOL.	DIAMETER (IN.)	
						MAX.	MIN.					MAX.	MIN.
UGBR 81	—	GREEN	—	#8	#6	.162	.144	BROWN	—	#10	#8	.128	.114
UGG 88	ICS61-1							GREEN	—	#8	#6	.162	.144
UBBR 61	ICS62-1	BLUE	#6	#6	#4	.204	.184	BROWN	—	#10	#8	.128	.114
UBG 68	ICS63-1							GREEN	—	#8	#6	.162	.144
UBB 66	ICS64-1	ORANGE	#4	#4	#2	.258	.213	BLUE	#6	#6	#4	.204	.184
UOBR 41	ICS65-1							BROWN	—	#10	#8	.128	.114
UOG 48	ICS66-1	ORANGE	#4	#4	#2	.258	.213	GREEN	—	#8	#6	.162	.144
UOB 46	ICS67-1							BLUE	#6	#6	#4	.204	.184
UO 44	ICS68-1	RED	#2	#1 & #2	—	.328	.268	ORANGE	#4	#4	#2	.258	.213
URBR 21	—							BROWN	—	#10	#8	.128	.114
URG 28	ICS70-1	RED	#2	#1 & #2	—	.328	.268	GREEN	—	#8	#6	.162	.144
URB 26	ICS71-1							BLUE	#6	#6	#4	.204	.184
URO 24	ICS72-2	YELLOW	1/0	1/0	—	.398	.368	ORANGE	#4	#4	#2	.258	.213
URR 22	ICS73-1							RED	#2	#1 & #2	—	.328	.268
UYG 08	ICS74-1	YELLOW	1/0	1/0	—	.398	.368	GREEN	—	#8	#6	.162	.144
UYB 06	ICS75-1							BLUE	#6	#6	#4	.204	.184
UYO 04	ICS76-1	YELLOW	1/0	1/0	—	.398	.368	ORANGE	#4	#4	#2	.258	.213
UYR 02	ICS77-1							RED	#2	#1 & #2	—	.328	.268
UY 00	ICS78-1	YELLOW	1/0	1/0	—	.398	.368						

Service Entrance Splices

For standard conductors.

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

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS Accepted



U 1 N 106

CAT. NO.	CONDUCTOR A				CONDUCTOR B			
	COLOR	SOL.	STR.	ACSR	COLOR	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	#2-6/1, 7/1
U 1 N 88	GREEN	#6	#8	—	GREEN	#6	#8	—
U 1 N 81					BROWN	#8	#10	—
U 1 N 66	BLUE	#4	—	#6-6/1	BLUE	#4	—	#6-6/1
U 1 N 68					GREEN	#6	#8	—
U 1 N 61					BROWN	#8	#10	—
U 1 N 44					ORANGE	#2	—	#4-6/1, 7/1
U 1 N 46	ORANGE	#2	—	#4-6/1, 7/1	BLUE	#4	—	#6-6/1
U 1 N 48					GREEN	#6	#8	—
U 1 N 41					BROWN	#8	#10	—
U 1 N 22	RED	#1	#1 & #2	#2-6/1, 7/1	RED	#1	#1 & #2	#2-6/1, 7/1
U 1 N 24					ORANGE	#2	#3 & #4	#4-6/1, 7/1
U 1 N 26					BLUE	#4	#5 & #6	#6-6/1
U 1 N 28					GREEN	#6	#8	—
U 1 N 21					BROWN	#8	#10	—
U 1 N 1010					YELLOW	—	1/0	1/0-6/1
U 1 N 102	YELLOW	#1	1/0	1/0-6/1	RED	#1	#1 & #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

For compact conductors.

Insulated Aluminum Service Entrance Compression Splices — U 5/8" Die Series (Longer Length — 3 1/4" Long)

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Tough stabilized-nylon sleeves resist installing-tool pressure and provide reliable 600V insulation
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS Accepted



CAT. NO.	CONDUCTOR A				CONDUCTOR B				
	COLOR	STR.	COMPT.	COMP.	COLOR	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	#6	#6	—	#6
U 41 OBR	ORANGE	#4	#4	#4	BROWN	#10	—	#8	—
U 48 OG					GREEN	#8	#8	—	#8
U 46 OB					BLUE	#6	#6	—	#6
U 44 OO	ORANGE	#4	#4	#4	ORANGE	#4	#4	—	#4
U 21 RBR					BROWN	#10	—	#8	—
U 28 RG					GREEN	#8	#8	—	#8
U 26 RB	RED	#2	#2	#2	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	#6	—	#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

Note: Sold in standard carton quantities only.

Service Entrance Splices

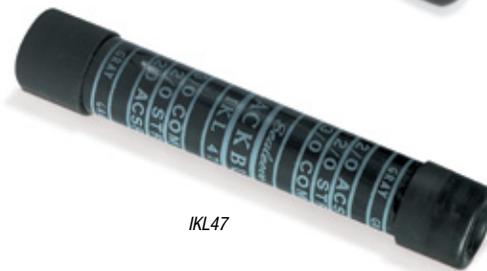
At 5½" long, these splices are ideal for heavy-duty overhead services.

Insulated Aluminum Service Entrance Compression Splices — 840 Die Series

- Constructed from aluminum for high conductivity
- Solid center barriers and large chamfers for easy cable insertion
- Tough stabilized-nylon sleeves resist installing-tool pressure and provide reliable 600V insulation
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- All splices are color coded and marked with strip lengths, installation die codes and compression locations, providing easy identification for easy installation
- Comply with ANSI C119.4 when properly installed on aluminum-to-aluminum or aluminum-to-copper conductors
- RUS Accepted



X 1 N 204



IKL47

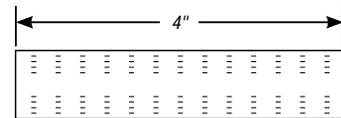
X 1 N SERIES CAT. NO.	IKL SERIES CAT. NO.	CONDUCTOR A					CONDUCTOR B				
		COLOR	ACSR	STR.	COMPR.	COMPT.	COLOR	ACSR	STR.	COMPR.	COMPT.
X 1 N 104	IKL34	YELLOW	1/0	1/0	1/0	2/0	ORANGE	#4	#4	#4	—
X 1 N 102	IKL35						RED	#2	#1	#1	1/0
X 1 N 1010	IKL36						YELLOW	1/0	1/0	1/0	2/0
X 1 N 204	IKL44	GRAY	2/0	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	GRAY	2/0	2/0	2/0	3/0	GRAY	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	GRAY	2/0	2/0	2/0	3/0	GRAY	2/0	2/0	2/0	3/0
X 1 N 3030	IKL58	BLACK	3/0	3/0	3/0	4/0	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						GRAY	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

Ideal for large residential and commercial service drops.

Uninsulated Aluminum Service Entrance Compression Splices — 840 Die Series

- Constructed from aluminum for high conductivity
- Solid center barriers enable quick wire positioning, proper distribution of inhibitor around the wire and current equalization on stranded conductors
- Prefilled with oxide inhibitor to prevent oxidation and keep out moisture
- Splices marked with strip lengths, die codes and compression locations, providing 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
- RUS Accepted



X 1 U 2020

CAT. NO.	CONDUCTOR A					CONDUCTOR B				
	COLOR	SOLID				COLOR	SOLID			
		AL	CU	STRANDED	ASCR		AL	CU	STRANDED	ASCR
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 U102						RED	#1	#1	#1 & #2	#2
X 1 U 1010	YELLOW	1/0 & 2/0	—	1/0	1/0	YELLOW	1/0 & 2/0	—	1/0	1/0
X 1 U 204	GRAY	3/0	—	2/0	2/0	ORANGE	#2	#2	—	#4
X 1 U 202						RED	#1	#1	#1 & #2	#2
X 1 U 2010						YELLOW	1/0 & 2/0	—	1/0	1/0
X 1 U 2020						GRAY	3/0	—	2/0	2/0
X 1 U 304	BLACK	4/0	—	3/0	3/0	ORANGE	#2	#2	—	#4
X 1 U 302						RED	#1	#1	#1 & #2	#2
X 1 U 3010						YELLOW	1/0 & 2/0	—	1/0	1/0
X 1 U 3020						GRAY	3/0	—	2/0	2/0
X 1 U 3030	BLACK	4/0	—	3/0	3/0	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						YELLOW	1/0 & 2/0	—	1/0	1/0
X 1 U 4020						GRAY	3/0	—	2/0	2/0
X 1 U 4030						BLACK	4/0	—	3/0	3/0
X 1 U 4040	PINK	—	—	4/0	4/0	PINK	—	—	4/0	4/0

Note: When using EEI 11A die, space compressions 1/8" apart.

When installing with UT 5 tool, use H5 (upper) and H6 (lower) dies. When installing with a hydraulic tool, use 76 (2) die.

Service Entrance Splices

Uninsulated Aluminum Service Entrance Compression Splices — 840 Die Series (continued)

CAT. NO.	CONDUCTOR A					CONDUCTOR B				
	COLOR	SOLID				COLOR	SOLID			
		AL	CU	STRANDED	ASCR		AL	CU	STRANDED	ASCR
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						GRAY	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						GRAY	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

Break through and bolt down.

Insulation-Piercing Splice and Tap Connectors

- Constructed from aluminum for high conductivity
- Shear-head bolt design always provides the correct torque
- Provided with either 1/2" or 5/8" bolt head sizes to cover a wide range of aluminum or copper main and tap conductors
- Dual-rated for use in 90° applications with aluminum or copper conductors



Style 1
IPST 25040



Style 2
IPST 500350



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	1/0-#8	1/2	125
IPST 2001		2/0-#4	#10-#14	1/2	80
IPST 402		4/0-#3	#2-#10	1/2	125
IPST 4020*		4/0-#2	2/0-#6	1/2	125
IPST 4040*		4/0-#2	4/0-#4	1/2	160
IPST 25040		250-#1	4/0-#4	1/2	160
IPST 75001		750-3/0	#10-#14	5/8	80
IPST 350350		350-1/0	350-1/0	5/8	330
IPST 50040		2	500-2/0	4/0-#4	5/8
IPST 500350	500-4/0		350-1/0	5/8	330
IPST 750500	750-250		500-250	5/8	330

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