

Service Entrance Splices



Q1U54

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

Cat. No.	Conductor A				Conductor B			
	Colour	ACSR	Sol.	Str.	Colour	Sol.	Str.	ACSR
Q1U52	Green	—	#6	#8	Green	#6	#8	—
Q1U53					Brown	#8	#10	
Q1U54	Blue	#6-6/1	#4	—	Blue	#4	—	#6-6/1
Q1U55					Green	#6	#8	—
Q1U56					Brown	#8	#10	
Q1U57	Orange	#4-6/1, 7/1	#2	—	Orange	#2	—	#4-6/1, 7/1
Q1U58					Blue	#4		#6-6/1
Q1U59					Green	#6	#8	—
Q1U60					Brown	#8	#10	
Q1U65	Red	#2-6/1, 7/1	#1	#1 and #2	Red	#1	#1 and #2	#2-6/1, 7/1
Q1U67					Orange	#2	—	#4-6/1, 7/1
Q1U68					Blue	#4		#6-6/1
Q1U69					Green	#6	#8	—
Q1U70					Brown	#8	#10	

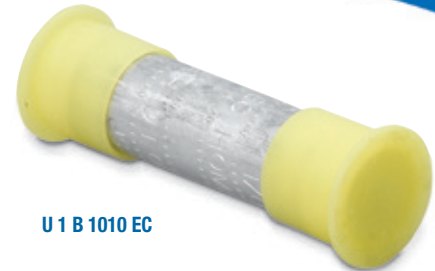


Service Entrance Splices

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



U 1 B 1010 EC



CS73

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

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



URR 22



ICS73-1

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

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
UYG 08	ICS74-1							Green		#8	#6	0.162	0.144
UYB 06	ICS75-1	Yellow	1/0	1/0	—	0.398	0.368	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
UYO 04	ICS76-1							Yellow		1/0	1/0	—	0.398
UYR 02	ICS77-1							Yellow		1/0	1/0	—	0.398



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



U 1 N 106

Cat. No.	Conductor A				Conductor B			
	Colour	ACSR	Sol.	Str.	Colour	ACSR	Sol.	Str.
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	#6-6/1	#4	—	Blue	#6-6/1	#4	—
U 1 N 68					Green	—	#6	#8
U 1 N 61					Brown		#8	#10
U 1 N 44	Orange	#4-6/1, 7/1	#2	—	Orange	#4-6/1, 7/1	#2	—
U 1 N 46					Blue	#6-6/1	#4	
U 1 N 48					Green	—	#6	#8
U 1 N 41					Brown		#8	#10
U 1 N 22	Red	#2-6/1, 7/1	#1	#1 and #2	Red	#2-6/1, 7/1	#1	#1 and #2
U 1 N 24					Orange	#4-6/1, 7/1	#2	#3 and #4
U 1 N 26					Blue	#6-6/1	#4	#5 and #6
U 1 N 28					Green	—	#6	#8
U 1 N 21					Brown		#8	#10
U 1 N 1010	Yellow	1/0-6/1	#1	1/0	Yellow	1/0-6/1	—	1/0
U 1 N 102					Red	#2-6/1	#1	#1 and #2
U 1 N 104					Orange	#4-6/1	#2	—
U 1 N 106					Blue	#6-6/1	#4	
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.	Comp.	Compt.	Colour	Sol.	Str.	Comp.	Compt.
U 61 BBR	Blue	#6	#6	#6	Brown	#8	#10	—	—
U 68 BG					Green	—	#8	#8	#8
U 66 BB	Blue	#4	#4	#4	Blue	—	#6	#6	#6
U 41 OBR	Orange	#4	#4	#4	Brown	#8	#10	—	—
U 48 OG					Green	—	#8	#8	#8
U 46 OB					Blue		#6	#6	#6
U 44 OO					Orange		#4	#4	#4
U 21 RBR	Red	#2	#2	#2	Brown	#8	#10	—	—
U 28 RG					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	#8	#10	—	—
U 108 YG					Green	—	#8	#8	#8
U 106 YB					Blue		#6	#6	#5
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 600 V 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.	Compression	Compact	Colour	ACSR	Str.	Compression	Compact
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						Orange	#4	—	—	—
X 1 N 302	IKL55	Black	3/0	3/0	3/0	4/0	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						Orange	#4	—	—	—
X 1 N 402	IKL65	Pink	4/0	4/0	4/0	250	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

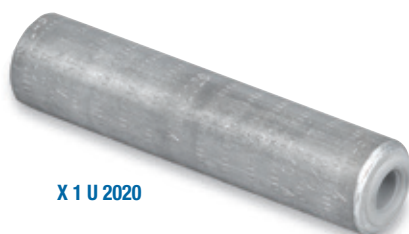
Uninsulated Aluminum Service Entrance Compression Splices — 840 Die Series

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	ACSR	Solid		Str.	Colour	ACSR	Solid		Str.
			Al	Cu				Al	Cu	
X 1 U 44	Orange	#4	#2	#2	—	Orange	#4	#2	#2	—
X 1 U 24	Red	#2	#1	#1	#1 & #2	Orange	#4	#2	#2	—
X 1 U 22						Red	#2	#1	#1	#1 & #2
X 1 U 104	Yellow	1/0	1/0, 2/0	—	1/0	Orange	#4	#2	#2	—
X 1 U 102						Red	#2	#1	#1	#1 & #2
X 1 U 1010						Yellow	1/0	1/0 & 2/0	—	1/0
X 1 U 204						Orange	#4	#2	#2	—
X 1 U 202	Grey	2/0	3/0	—	2/0	Red	#2	#1	#1	#1 & #2
X 1 U 2010						Yellow	1/0	1/0 & 2/0	—	1/0
X 1 U 2020						Grey	2/0	3/0	—	2/0
X 1 U 304	Black	3/0	4/0	—	3/0	Orange	#4	#2	#2	—
X 1 U 302						Red	#2	#1	#1	#1 & #2
X 1 U 3010						Yellow	1/0	1/0 & 2/0	—	1/0
X 1 U 3020						Grey	2/0	3/0	—	2/0
X 1 U 3030						Black	3/0	4/0	—	3/0
X 1 U 404	Pink	4/0	—	—	4/0	Orange	#4	#2	#2	—
X 1 U 402						Red	#2	#1	#1	#1 & #2
X 1 U 4010						Yellow	1/0	1/0 & 2/0	—	1/0
X 1 U 4020						Grey	2/0	3/0	—	2/0
X 1 U 4030						Black	3/0	4/0	—	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	ACSR	Solid Al	Str.	Colour	ACSR	Solid Al	Str.
X 1 U 266	Blue	266.8	350	250–266.8	Blue	266.8	350	— 250–266.8
X 1 U 2664					Orange	#4	#2	#2 #3 & #4
X 1 U 2662					Red	#2	#1	#1 #1 & #2
X 1 U 26610					Yellow	1/0	1/0 & 2/0	1/0
X 1 U 26620					Grey	2/0	3/0	2/0
X 1 U 26630					Black	3/0	4/0	3/0
X 1 U 26640					Pink	4/0	—	4/0
X 1 U 336	Brown	336.4 (18/1)	397.5–400	300–350	Brown	336.4 (18/1)	397.5–400	300–350
X 1 U 3364					Orange	#4	#2	#2 #3 & #4
X 1 U 3362					Red	#2	#1	#1 #1 & #2
X 1 U 33610					Yellow	1/0	1/0 & 2/0	1/0
X 1 U 33620					Grey	2/0	3/0	2/0
X 1 U 33630					Black	3/0	4/0	3/0
X 1 U 33640					Pink	4/0	—	4/0
X 1 U 33626					Blue	266.8	350	250–266.8

