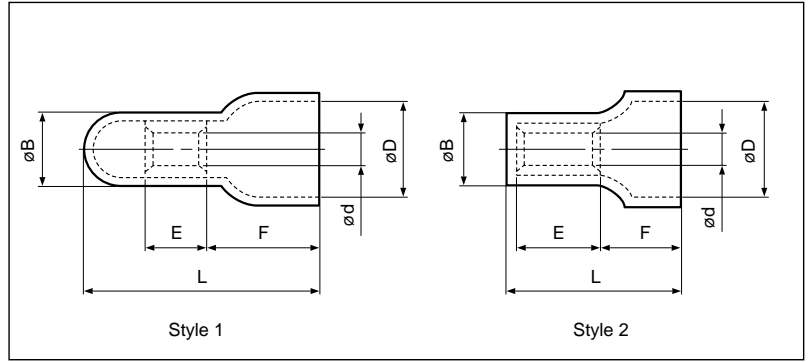


Style 1

Style 2



Style 1

Style 2

File No.:

UL E42024 SP LR20812 (J) 686022

Actual

Refer to page 154 for actual size of the splice.

Applicable Wire		Part No.	Standard	Style	Dimensions mm (in.)						Insulation Material	Tool No.								Qty/box	
AWG#	Wires Cross Section (mm ²) (total)				L	F	E	ø d	ø B	ø D		YS-2622	YS-2216	YS-1614	YS-1210	YS-8S	YA-1	YA-2	YA-4		BCT-0514
22 to 16	(0.5 to 1.75)	CE1(CE-100)	UL SP (J)	1	20.8 (.819)	9.5 (.374)	7.0 (.276)	2.4 (.094)	5.0 (.197)	6.5 (.256)	Nylon	0				0	0	0	0	1,000	
16 to 14	(1.0 to 3.0)	CE2(CE-230)	UL SP (J)		21.0 (.827)	9.5 (.374)	7.3 (.287)	3.0 (.118)	5.7 (.224)	8.0 (.315)			0				0	0	0	0	1,000
12 to 10	(2.5 to 6.0)	CE5(CE-550)	UL SP (J)		27.0(1.063)	12.0 (.472)	8.5 (.335)	3.8 (.150)	7.2 (.283)	9.5 (.374)				0			0	0	0	0	500
8	(4.0 to 9.0)	CE8(CE-800)	UL SP (J)		28.0(1.102)	12.0 (.472)	9.5 (.374)	4.5 (.177)	9.3 (.366)	12.0 (.472)					0			0	0		250
16 to 14	(1.5 to 3.0)	2-SDW	UL SP		17.1 (.673)	7.6 (.299)	7.0 (.276)	2.7 (.106)	5.8 (.228)	8.2 (.323)				0			0	0	0	0	1,000
26 to 22	(0.2 to 0.6)	0.5-SD		2	9.7 (.382)	4.1 (.161)	4.0 (.157)	1.2 (.047)	3.5 (.138)	4.3 (.169)			0				0	0		0	1,000
22 to 16	(1.0 to 1.75)	1-SD	UL SP		15.2 (.598)	5.9 (.232)	8.0 (.315)	2.2 (.087)	5.0 (.197)	6.2 (.244)			0				0	0	0	0	1,000
16 to 14	(1.0 to 2.5)	2-SD	UL SP		15.2 (.598)	5.9 (.232)	8.0 (.315)	2.5 (.098)	5.85(.230)	6.5 (.256)				0			0	0	0	0	1,000
12 to 10	(2.0 to 5.5)	5.5-SD	UL SP		17.8 (.701)	8.0 (.315)	8.5 (.335)	3.5 (.138)	7.35(.289)	9.4 (.370)					0		0	0	0	0	500
8	(4.0 to 9.0)	8-SD	UL SP		22.2 (.874)	10.2 (.402)	9.5 (.374)	4.6 (.181)	9.3 (.366)	12.0 (.472)						0		0	0		250

Note:1) Products with the JIS mark (J) conform to JIS C2807.

2) "Applicable Wires" indicates the total cross-sectional area.

3) Part numbers inside parentheses are the former part numbers.

4) Part numbers 1-SD and 2-SD are CSA certified with a rating of 300V; all other models are certified with a rating of 600V.

5) Delivery lead times may vary depending on the product. Contact JST for details.



CLOSED-END



Wire combination table for closed-end splices specified by UL

AWG#	↓ Number of wires																											
CE1(CE-100), 1-SD																												
22	5	4	4	3	3	3	2	2	2	2	1	1	1	1														
20		1		1			2	1			2	1	1			3	2	2	1	1								
18					1					1			1			1			1				2					
16														1							1							
CE2(CE-230)																												
22	7 to 2	5	5	5	5	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	3	3	3	2	2	2	2	
20		3 to 1	1			4 to 1	2	1	1					4 to 1	3	2	2	1	1					5 to 1	3	3	2	2
18			1	2, 1			1	2, 1		2, 1	1				1	1		2, 1		3 to 1	1			1		2, 1		
16					1				1	1	1					1		1			1	2, 1				1	1	
14											1												1					
22	2	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	1	1	1	1					6 to 1	4	3	3	2	2	2	2	1	1	1							6 to 2	5	4
18	2, 1	1			3 to 1	1				1	1		2, 1	1		3 to 1	1			3 to 1	2	1	1			1	1	
16		1	1			1	2, 1					1		1	1			1	1			1	1	2, 1				
14				1				1	1											1					1		1	
22																												
20	4	3	3	2	2	2	2	1	1	1	1	1	1	1														
18		2, 1		2, 1	1			3 to 1	2	1	1			4 to 2	2	1	1											
16			1		1	2, 1				1	1		2, 1		1	2, 1		2										
14							1				1			1			1											
2-SD, 2-SDW																												
22	7 to 2	5	5	4	4	4	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
20		1		2, 1			3 to 1	2	2	1	1			4 to 1	2	1	1				4 to 1	3	2	2	1	1	1	
18			1		1			1		2, 1		2, 1			1	2, 1		2, 1	1			1	1		2, 1		3 to 1	
16						1			1		1		1				1		1	1				1		1	1	
14																												
22	1	1																										
20			5 to 2	4	4	3	3	2	2	2	1	1	1	1														
18				1	1		2, 1	1		3 to 1	1			3, 2	2	1												
16	1				1		1	1	1	1	1	2, 1			1	1												
14		1											1				1											
5.5-SD																												
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	1	1	1	1	
18		1				4 to 1	3	2	2	2	1	1	1	1							5 to 2	4	4	3	3	2	2	
16			1				1	1			2, 1	1			3 to 1	1	1					1		2, 1		2, 1	1	
14				1					1			1	2, 1									1		1		1	1	
12					1					1				1														
10																												
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
18	2	1	1	1	1	1	1	1						4 to 2	3	3	3	2	2	2	2	2	2	1	1	1	1	
16		3 to 1	1	1	1				3 to 1	2	1	1				2, 1		2, 1	1				2	2, 1	1	1	1	
14			1			1				1	2, 1		2, 1						1			1	1			2, 1	1	
12	1			1			1					1		1								1						
10					1			1	1						1	1												
22	1	1	1	1	1	1	1	1																				
20										5	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	
18	1	1									1				4 to 1	3	2	2	2	1	1	1	1					
16			3, 2	2	2	1	1				1					1	1			2, 1	1			3 to 1	1	1		
14				1	1	1		2				1							1			1	2, 1			1	2, 1	
12	1				1	1							1						1					1			1	
10		1																										
22																												
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
18			5 to 2	4	4	3	3	2	2	2	1	1	1	1	1	1	1							5 to 2	4	3	3	
16				1		2, 1		2, 1	1			3 to 1	1	1	1					3 to 1	2	1	1			1	1	
14				1			1	1	1				1							1	2, 1		3 to 1				2, 1	
12									1				1								1			1			1	
10		1												1														
22																												
20																												
18	2	2	2	2	1	1	1	1	1	1	1	1																
16	2, 1	1			2	2, 1	1	1					3, 2	2	1	1												
14			1	1			1		2, 1					2, 1		1	1					2						
12				1	1					1					1													
10												1																

Note: 1) The wires indicated in the table, with the exception of AWG #10, are applicable to both stranded wire and solid wire. AWG #10 is limited to stranded wire only.
 2) The combinations indicated in the table conform to UL standards only.
 3) (ex. For the closed-end splice CE8, UL specifies the following combinations; 3 pcs. AWG #20 + 1 pc. AWG #12, 3 pcs. AWG #20 + 1 pc. AWG #10, 2 pcs. AWG #20 + 1 pc. AWG #18 + 1 pc. AWG #12,...)



Wire combination table for closed-end splices specified by UL

AWG#	↓ Number of wires																										
	CE5(CE-550)																										
22	8	5	5	5	3,2	3	3	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
20		2									4	3	3	3	2	2	2	2	2	2	2	2	2	2	2		
18			3			2		2			1				4to1	3	2	2	2	2	1	1	1	1			
16				2	2		1		3			1				1	1			2,1	1		2,1	1	1		
14							1					1						1			1	2,1		1	3to1		
12														1						1				1			
10																									1		
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
20	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18		5to2	4	4	3	3	2	2	2	2	2	1	1	1	1	1	1							1			
16			1		2,1		2,1	1			3to1	1	1			3to1	2	1					2	3to1	2	1	
14				1		1		1	1			1	1				1	2,1		2,1				1	1		
12										1			1	1					1						1		
10	1																1								1		
22	1	1	1	1																							
20					6	5	4	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2		
18					2			2	1					4to1	3	2	2	2	2	2	1	1	1	1			
16	1									1					1	2,1	1			2,1	1		4to1	2	1	1	
14		2,1									1						1	1			1	2,1		1	2,1		
12	1		1									1							1				1		1		
10				1									1												1		
22																											
20	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
18				5to2	4	4	3	3	2	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	6to2	4	
16					1		2,1		2,1	1			3to1	1	1	1				3to1	2	1	1		1		
14	1					1		1		1	1						2,1				1	2,1	3to1				
12	1	1										1			1			1					1	1			
10			1													1			1	1					1		
22																											
20																											
18	3	3	3	2	2	2	2	2	2	2	1	1	1	1	1	1	1	1	1								
16	2,1			2,1	1	1	1				3to1	2	2	1	1				4to2	3	2	2	1	1	1		
14		1			1			2,1				1		2,1		2,1				1	2,1		2,1		3,2	1	1
12			1			1		1					1		1							1	1		1	1	
10							1			1																1	
20																											
18	1	1	1	1	1	1	1	1	1																		
16	3	2	1	1	1				4,3	3	2	2	2	1	1	1	1										
14		1	2,1			3to1				1	2,1			3,2	1			4,3	2	1	1						
12				1			2,1					1			1				1	1		2	1				
10					1			1						1		1					1		1				

Note:1) The wires indicated in the table,with the exception of AWG #10, are applicable to both stranded wire and solid wire. AWG #10 is limited to stranded wire only.

2) The combinations indicated in the table conform to UL standards only.

3) (ex. For the closed-end splice CE8, UL specifies the following combinations; 3 pcs. AWG #20 + 1 pc. AWG #12, 3 pcs. AWG #20 + 1 pc. AWG #10, 2 pcs. AWG #20 + 1 pc. AWG #18 + 1 pc. AWG #12,...)