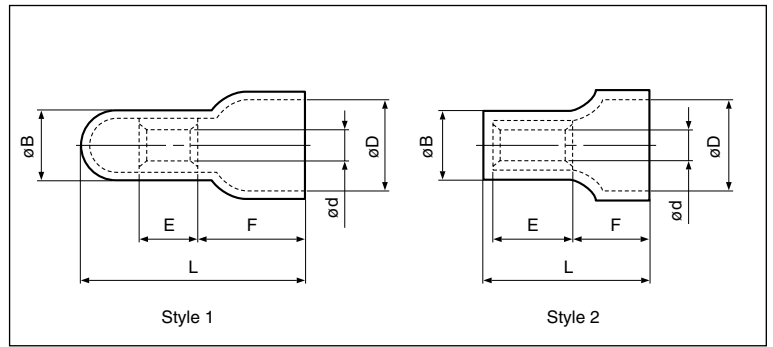
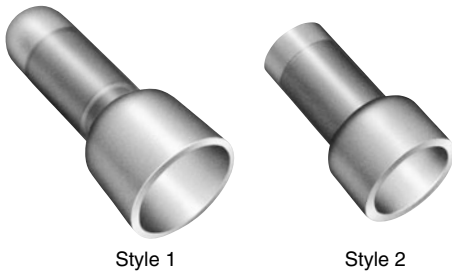


Solderless splices

CLOSED-END



Certificate No.: E42024 LR20812 JQ0607003

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)		1	20.8 (.819)	9.5 (.374)	7.0 (.276)	2.4 (.094)	5.0 (.197)	6.5 (.256)	Nylon		o			o	o	o	o	1,000	
16 to 14	(1.0 to 3.0)	CE2(CE-230)			21.0 (.827)	9.5 (.374)	7.3 (.287)	3.0 (.118)	5.7 (.224)	8.0 (.315)			o			o	o	o	o	o	1,000
12 to 10	(2.5 to 6.0)	CE5(CE-550)			27.0(1.063)	12.0 (.472)	8.5 (.335)	3.8 (.150)	7.2 (.283)	9.5 (.374)				o		o	o	o	o	o	500
8	(4.0 to 9.0)	CE8(CE-800)			28.0(1.102)	12.0 (.472)	9.5 (.374)	4.5 (.177)	9.3 (.366)	12.0 (.472)					o		o	o	o	o	250
16 to 14	(1.5 to 3.0)	2-SDW				17.1 (.673)	7.6 (.299)	7.0 (.276)	2.7 (.106)	5.8 (.228)		8.2 (.323)			o		o	o	o	o	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)			o			o	o	o	o	5,000	
22 to 16	(1.0 to 1.75)	1-SD			15.2 (.598)	5.9 (.232)	8.0 (.315)	2.2 (.087)	5.0 (.197)	6.2 (.244)			o			o	o	o	o	1,000	
16 to 14	(1.0 to 2.5)	2-SD			15.2 (.598)	5.9 (.232)	8.0 (.315)	2.5 (.098)	5.85(.230)	6.5 (.256)				o		o	o	o	o	1,000	
12 to 10	(2.0 to 5.5)	5.5-SD			17.8 (.701)	8.0 (.315)	8.5 (.335)	3.5 (.138)	7.35(.289)	9.4 (.370)				o		o	o	o	o	500	
8	(4.0 to 9.0)	8-SD			22.2 (.874)	10.2 (.402)	9.5 (.374)	4.6 (.181)	9.3 (.366)	12.0 (.472)					o		o	o	o	250	

- Note: 1) Products with the JIS mark 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	1																
20		1		1			2	1			2	1	1			3	2	2	1	1											
18					1				1				1		1				1			2									
16															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	3	3	2	2	2	2	2	
20		3 to 1	1			4 to 1	2	1	1					4 to 1	3	2	1	1				5 to 1	3	3	3	2	2	2	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	2,1						1		1	
14														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	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																						
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		1	2,1				1	1		2,1		1	2,1				2											
14							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	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					
18			1		1			1		2,1		2,1			1	2,1		2,1	1			1	1		2,1		3 to 1	1			
16						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	1	2,1	1		3 to 1	1			3,2	2	1															
16	1				1	1		1	1		1	2,1			1	1															
14		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	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	5 to 2	4	4	3	3	2	2	2	2	
18		1				4 to 1	3	2	2	2	1	1	1	1																	
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		2,1						1			1		1	1	
12					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	1	1	1	
20	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	1	1	1	
18	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4 to 2	3	3	3	2	2	2	2	2	
16		3 to 1	1	1	1				3 to 1	2	1	1										2,1			2,1	1		2	2,1	1	1
14			1			1				1	2,1		2,1											1			1		1	2,1	
12	1			1							1		1																		
10																															
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	1	1	1	
18		5 to 2	4	4	3	3	2	2	2	2	1	1	1	1	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			
14				1		1		1	1			1		1										1	2,1		3 to 1			2,1	
12										1			1																		
10	1														1																
22																															
20																															
18	2	2	2	2	1	1	1	1	1	1	1																				
16	2,1	1			2	2,1	1	1				3,2	2	2	1	1															
14		1	1				1		2,1				2,1		1																
12				1	1			1																							
10																															

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,...)

CLOSED-END

Wire combination table for closed-end splices specified by UL

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