

Solderless splices

CLOSED-END

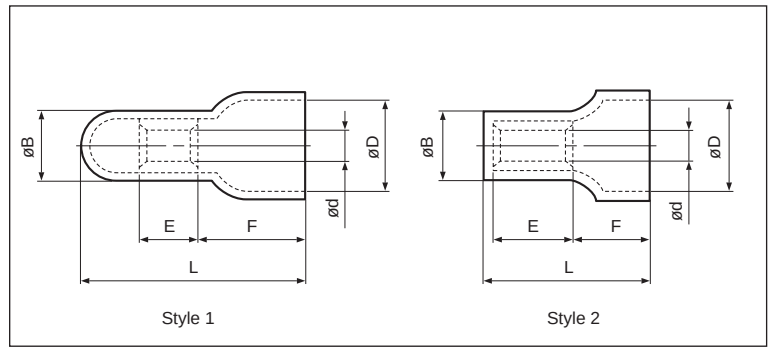
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Style 1



Style 2



Certificate No.: E42024 LR20812 JQ0607003

Applicable Wire		Part No.	Standard	Style	Dimensions mm (in.)						Insulation Material	Tool No.								Qty/box	
AWG#	Wires Cross Section (mm²) (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-0514L
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	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	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	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			9.7 (.382)	4.1 (.161)	4.0 (.157)	1.2 (.047)	3.5 (.138)	4.3 (.169)		o					o				5,000
22 to 16	(1.0 to 1.75)	1-SD	 	2	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.

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			1		2																			
16														1					1		1																			
AWG#	↓Number of wires																												CE2(CE-230)											
22	7 to 2	5	5	5	5	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	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														
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	1														
22																																								
20	4	3	3	2	2	2	2	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			1																								
AWG#	↓Number of wires																												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	2	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		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	2, 1		1	1																								
14		1											1																											
AWG#	↓Number of wires																												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											
20	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	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	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		2, 1					1		1		1	1												
12					1					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	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											
18	2	1	1	1	1	1	1	1	1					4 to 2	3	3	3	2	2	2	2	2	2	2	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		1													
14			1			1			1	2, 1		2, 1						1				1	1			1		2, 1												
12	1			1			1				1		1						1						1	1		1												
10					1			1	1						1	1																								
22	1	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	2	2	2	2											
18	1	1								1				4 to 1	3	2	2	2	1	1	1																			
16			3, 2	2	2	1	1				1				1	1			2, 1	1			3 to 1	1	1															
14				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															
18		5 to 2	4	4	3	3	2	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														
14				1		1		1	1			1			1				1	2, 1		3 to 1					2, 1													
12									1			1				1						1							1											
10	1													1			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		2																							
12				1	1			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/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	1	1	
20		2								4	3	3	3	3	2	2	2	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			2, 1			2, 1		1		3 to 1	
12														1					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	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	1	1	1
18		5 to 2	4	4	3	3	2	2	2	2	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		1
12										1			1		1					1		1						1	
10	1																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	2	2	2	2
18					2			2	1					4 to 1	3	2	2	2	2	1	1	1	1						
16	1									1					1	2, 1	1			2, 1	1			4 to 1	2	1	1		
14		2, 1									1						1	1			1	2, 1		2, 1		1	2, 1	2, 1	
12	1		1									1							1					1				1	
10				1									1							1				1				1	
22																													
20																													
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	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	1			3 to 1	2	1	1					6 to 2	4	
14	1					1		1			1	1					2, 1				1	2, 1		3 to 1					
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											
16	2, 1			2, 1	1	1	1				3 to 1	2	2	1	1			4 to 2	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		
10							1			1								1								1		1	
AWG#	↓ Number of wires																												
CE8(CE-800), 8-SD																													
20	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1										
18			1				2	2	2	1	1	1								3	3	3	2	2	2	2	2	2	
16				1						1				3, 1	2	1	1						2, 1	1					
14				1	2		1			1					1	2		3, 2	1			2, 1			2				
12	1		1					1			1								1	1			1			1			
10		1				1			1			1					1				1			1				1	
20																													
18	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,...)

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