

Solderless splices

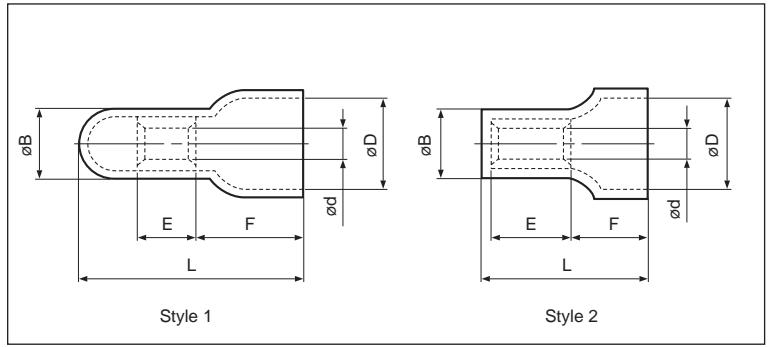
CLOSED-END



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 (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-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	0				0	0	0	0	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)		0					0	0	0	0	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)			0				0	0	0	0	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)				0				0	0		250
16 to 14	(1.5 to 3.0)	2-SDW		2	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			9.7 (.382)	4.1 (.161)	4.0 (.157)	1.2 (.047)	3.5 (.138)	4.3 (.169)		0					0				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)		0					0	0	0	0	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)			0				0	0	0	0	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)				0			0	0	0	0	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)					0			0	0	0	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.

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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	2	1	1	1	1	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	
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
20		3 to 1	1			4 to 1	2	1	1				4 to 1	3	2	2	1	1			5 to 1
18			1	2, 1			1	2, 1		2, 1	1			1	1		2, 1		3 to 1	1	
16					1					1	1					1		1		1	2, 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
20	1	1	1	1					6 to 1	4	3	3	2	2	2	2	1	1	1		6 to 2
18	2, 1	1			3 to 1	1				1	1		2, 1	1		3 to 1	1		3 to 1	2	1
16		1	1			1	2, 1					1	1	1		1	1		1	1	2, 1
14				1				1	1												1
22																					
20	4	3	3	2	2	2	2	1	1	1	1	1	1	1	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
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	1
20		1		2, 1			3 to 1	2	2	1	1			4 to 1	2	1	1			4 to 1	3
18			1		1			1		2, 1		2, 1		1	2, 1		2, 1	1		1	1
16						1			1			1							1	1	2, 1
14																					1
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							
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
20	4	3	3	3		3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
18		1				4 to 1	3	2	2	2	1	1	1	1					5 to 2	4	4
16			1				1	1			2, 1	1			3 to 1	1	1			1	2, 1
14				1				1			1	2, 1				1		2, 1			2, 1
12					1				1				1				2, 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
20	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
16		3 to 1	1	1	1				3 to 1	2	1	1				4 to 2	3	3	3	2	2
14			1		1					1	2, 1		2, 1				2, 1		2, 1	1	
12	1			1			1				1		1					1			1
10					1			1	1						1	1					
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20								5	4	3	3	3	3	3	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	1	1
14				1	1	1	2					1					1		2, 1		3 to 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
18		5 to 2	4	4	3	3	2	2	2	2	1	1	1	1	1	1	1	1	1	1	5 to 2
16			1		2, 1		2, 1	1			3 to 1	1	1	1			3 to 1	2	1	1	
14				1		1		1	1									1	2, 1		3 to 1
12										1				1					1		
10	1														1					1	
22																					
20																					
18	2	2	2	2	1	1	1	1	1	1	1	1	1	1	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	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,...)

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	2,1	1			2,1	1
12														1						1					1	3 to 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
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		
16			1		2,1		2,1	1			3 to 1	1	1				3 to 1	2	1	1				2	3 to 1	2
14				1		1		1	1			1		1				1	2,1		2,1			1	1	1
12										1			1		1					1		1				1
10	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
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
14		2,1									1					1	1			1	2,1			1	2,1	2,1
12	1		1									1							1				1		1	1
10				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	2	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	1					2,1			1	2,1		3 to 1			
12	1	1									1				1					1			1			
10			1													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				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
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		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.
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