

Solderless splices

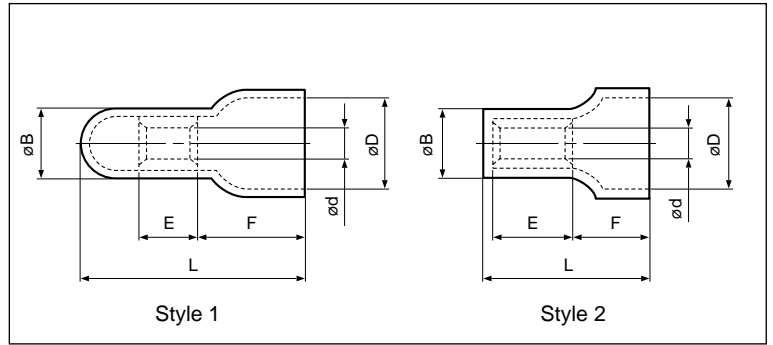
CLOSED-END



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	ød	øB		øD	YS-2622	YS-2216	YS-1614		YS-1210	YS-8S	YA-1	YA-2
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 (UL94V-2)	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	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	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	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)		0			0	0	0
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			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	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	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	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	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

Table with columns for AWG# and Number of wires, categorized into CE1(CE-100), 1-SD; CE2(CE-230); 2-SD, 2-SDW; and 5.5-SD.

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