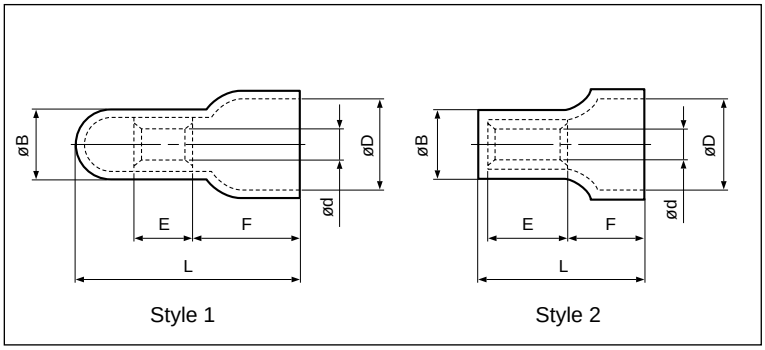
CLOSED-END



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	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 (UL94V-2)		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	250
16 to14	(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				5,000
22 to16	(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	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.

Downloaded from Arrow.com.

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		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	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				
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	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		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
20	4	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1	1	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		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
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	1	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	
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																				
20									5	4	3	3	3	3	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	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		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				
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					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,...)

Downloaded from Arrow.com.

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	1
20		2								4	3	3	3	3	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			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
20	2	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
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				
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
18					2			2	1					4 to 1	3	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		1	2 , 1		2 , 1
12	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		
18				5 to 2	4	4	3	3	2	2	2	2	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		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		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
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	
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		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,...)

Downloaded from Arrow.com.