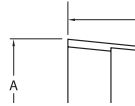


## Wire Joints

### Crimp-On Wire Joints, One-Piece Nylon Self-Insulated



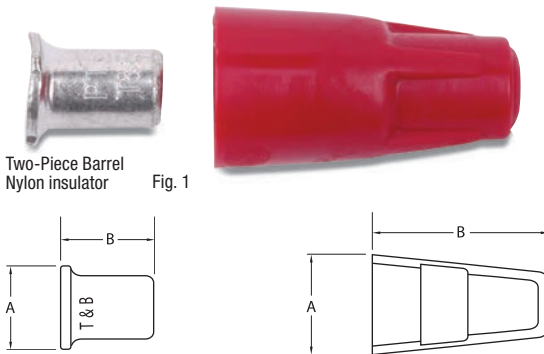
Cat. No.	Pkg. Qty.	Wire Range		Rec. Tool	Dimensions (in.)	
		Min.	Max.		A	B
RB44	100	2#18	2#16	WT2000	0.31	0.78
RB4-TB	1,000				0.31	0.78
RC55	50	4#18	2#12	WT2130A	0.43	0.95
RC6	500				0.43	0.95
RP12	100	3#14	4#12		0.53	1.00
RP7	1,000				0.53	1.00

Cat. No.	Allowable Wire Combinations						
	#22	#20	#18	#16	#14	#12	#10
RB4-TB/RB44			2-3				
			1-2	2			
	3						
		3					
	3		1				
	2	3					
	1-2		2				
	2			1			
		3	1				
	1	2					

Cat. No.	Allowable Wire Combinations						
	#22	#20	#18	#16	#14	#12	#10
RC6/RC55			1-4			1	
				1-3		1	
					1-2	1	
						2	
			3-5		1		
				2-4	1		
					3		
			1-4		2		
				1-3	2		
			1-3		3		

Cat. No.	Allowable Wire Combinations						
	#22	#20	#18	#16	#14	#12	#10
RP7/RP12							2
						1	1
					1		1
						2-4	
					2-4	1	
					1-3	2	
					1	3	
					3-6		
					1	2-3	
					2	1-2	

### PT Series Crimp-On Wire Joints



Two-Piece Barrel Nylon Insulator Fig. 1

Non Insulated Barrel Fig. 2



Cat. No.	Fig.	Pkg. Qty.	Wire Range		Rec. Tool	Dimensions (in.)	
			Min.	Max.		A	B
PT66M	1	100	2#18	3#12 combination	WT161M	0.50	0.93
PT6M		100	—	Insulator only		0.50	0.93
PT60M		100	2#14	3#12 connector only		0.31	0.37
PT70	2	200	2#14	3#12	WT161M	0.29	0.34
PT70M		200	3#18	4#12		0.31	0.37
PT80		50	2#16	4#10		0.35	0.62

90°C rated

#### Installation Procedure for "PT" Connectors



Twist wires, insert through serrated barrel of wire joint. (PT60M, PT70, PT70M, PT80.)



Crimp and trim off excess wire with WT161M hand tool.



Screw PT6M insulator firmly onto PT160M barrel.

## Wire Joints



### High-Temperature Wire Joints

- Rated for temperatures up to 150°C (302°F), 600 V maximum
- Molded, one-piece nylon construction for electrical insulation, UL94-V2
- Brazed copper sleeve prevents separation of connection during crimping
- Internal serrations enable cold flow for increased conductivity and pull-out strength



Cat. No.	Pkg. Qty.	Wire Range		Rec. Tool	Dimensions (in.)	
		Min.	Max.		A	B
RB4-HT	1,000	2#18	2#16	WT2000	0.36	0.82
RB44-HT	100	2#18	2#16	WT2000	0.36	0.82
RC6-HT	500	3#16	3#14	ERG4001, WT2130A	0.48	0.95
RC551-HT	100	3#16	3#14	ERG4001, WT2130A	0.48	0.95
RP7-HT	500	3#14	3#12	ERG4007, WT2130A	0.53	1.00
RP12-HT	100	3#14	3#12	ERG4007, WT2130A	0.53	1.00

### Wire Joints UL Listed Combinations

Cat. No.	solid or stranded AWG
RB4-TB, RB44, RB4-10M	(2) or (3) #18
	(2) #16
	(1) #16 and (1) or (2) #18
	(3) #22
	(3) #20
	(3) #22 and (1) #18
	(2) #22 and (3) #20
	(1) or (2) #22 and (2) #18
	(2) #22 and (1) #16
	(3) #20 and (1) #18
	(2) #20 and (1) #22
	(2) #20 and (1) #16
	(1) #20 and (2) #18
	(1) #14 with (2), (3) or (4) #16
(1) #14 with (3), (4) or (5) #18	
(2) #14 with (1), (2), (3) or (4) #18	
(2) #14 with (1), (2) or (3) #16	
(3) #14	
(4) to (7) #18	
(3) #14 with (1) or (2) #18	
(3) #14 with (1) #16	
(1) #12 with (1), (2), (3) or (4) #18	
(1) #12 with (1), (2) or (3) #16	
(1) #12 with (1) or (2) #14	
(5) #16	

Cat. No.	solid or stranded AWG
RP7, RP-12	(2) to (4) #12 AWG
	(3) to (6) #14 AWG
	(3) #12 and (1) #14
	(2) #12 and (1) #14
	(2) #12 and (2) #14
	(2) #12 and (3) #14
	(1) #12 and (2) #14
	(1) #12 and (3) #14
	(1) #12 and (4) #14
	(2) #10
	(1) #10 and (1) #12
	(1) #10 and (1) #14
	(1) #8 Tor. and (1) #16
	(1) #10 and (1) #16
(1) #12 and (1) #16	