

Datasheet

RS PRO 801 Kit

(800 Piece Insulated Terminal + 1 Crimp tool)

Stock number: 613-9952



Kit Contents

	Terminal Type	Quantity	Wire Size	Colour	Stud Size	Replacement Stock Number
1	Ring	100	0.5 to 1.5 mm ²	Red	M4	613-9249
2	Ring	100	1.5 to 2.5 mm ²	Blue	M4	613-9508
3	Ring	100	1.5 to 2.5 mm ²	Blue	M5	613-9312
4	Ring	100	4 to 6 mm ²	Yellow	M6	613-9413
5	Spade	50	0.5 to 1.5 mm ²	Red	M4	613-9479
6	Spade	50	1.5 to 2.5 mm ²	Blue	M4	613-9435
7	Pin	50	0.5 to 1.5 mm ²	Red	-	613-9716
8	Pin	50	1.5 to 2.5 mm ²	Blue	-	613-9873
9	Butt Splice	100	0.5 to 1.5 mm ²	Red	-	613-9794
10	Butt Splice	50	1.5 to 2.5 mm ²	Blue	-	613-9788
11	Receptacle	50	1.5 to 2.5 mm ²	Blue	-	613-9902
12	Crimp Tool	1	0.5 to 6 mm ²			125-1964

801

1.) Ring, 0.5 to 1.5mm ², M4 (613-9249)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	22	20	18	16
AMP.	9	12	17	18



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 22-16A.W.G.: RED █

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		STUD SIZE		DIMENSION inch(mm)						
	BUTTED SEAM		d2		W	F	L	E	D	d1	T
22-16 A.W.G. 0.5-1.5 mm ²	<input type="checkbox"/>	613-9249	#8	0.169 4.3	0.26 6.6	0.248 6.3	0.803 20.4	0.433 11	0.157 4.000	0.067 1.7	0.03 0.75

2.) Ring, 1.5 to 2.5mm ², M4 (613-9508)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	16	14
AMP.	18	30



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 16-14A.W.G.: BLUE █

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		STUD SIZE		DIMENSION inch(mm)						
	BRAZED SEAM	BUTTED SEAM	d2		W	F	L	E	D	d1	T
16-14 A.W.G. 1.5-2.5 mm ²	<input type="checkbox"/>	613-9508	#8	0.169 4.3	0.335 8.5	0.307 7.8	0.898 22.8	0.433 11	0.177 4.500	0.091 2.3	0.031 0.8

3.) Ring, 1.5 to 2.5mm², M5 (613-9312)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	16	14
AMP.	18	30



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 16-14A.W.G.: BLUE

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		STUD SIZE		DIMENSION inch(mm)						
	BRAZED SEAM	BUTTED SEAM	d2		W	F	L	E	D	d1	T
16-14 A.W.G. 1.5-2.5 mm ²	<input type="checkbox"/>	613-9312	#10	0.209 5.3	0.335 8.5	0.307 7.8	0.898 22.8	0.433 11	0.177 4.500	0.091 2.3	0.031 0.8

4.) Ring, 4 to 6mm², M6 (613-9413)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	12	10
AMP.	35	50



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 12-10A.W.G.: YELLOW

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		STUD SIZE		DIMENSION inch(mm)						
	BRAZED SEAM	BUTTED SEAM	d2		W	F	L	E	D	d1	T
12-10 A.W.G. 4-6 mm ²	<input type="checkbox"/>	613-9413	1/4	0.252 6.4	0.472 12	0.413 10.5	1.161 29.5	0.512 13	0.252 6.400	0.134 3.4	0.039 1

5.) Spade, 0.5 to 1.5 mm², M4 (613-9479)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	22	20	18	16
AMP.	9	12	17	18



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 22-16A.W.G.: RED █

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		STUD SIZE		DIMENSION inch(mm)						
	BRAZED SEAM	BUTTED SEAM	d2		W	F	L	E	D	d1	T
22-16 A.W.G. 0.5-1.5 mm ²	<input type="checkbox"/>	613-9479	#8	0.169 4.3	0.252 6.4	0.256 6.5	0.886 22	0.433 11	0.157 4.000	0.067 1.7	0.03 0.75

6.) Spade, 1.5 to 2.5 mm², M4 (613-9435)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	16	14
AMP.	18	30



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 16-14A.W.G.: BLUE █

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		STUD SIZE		DIMENSION inch(mm)						
	BRAZED SEAM	BUTTED SEAM	d2		W	F	L	E	D	d1	T
16-14 A.W.G. 1.5 2.5 mm ²	<input type="checkbox"/>	613-9435	#8	0.169 4.3	0.252 6.4	0.256 6.5	0.866 22	0.433 11	0.177 4.500	0.091 2.3	0.031 0.8

7.) Pin, 0.5 to 1.5 mm, length:10mm (613-9716)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	22	20	18	16
AMP.	9	12	17	18



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 22-16A.W.G.: RED

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		DIMENSION inch(mm)						
	BRAZED SEAM	BUTTED SEAM	W	F	L	E	D	d1	T
22-16 A.W.G. 0.5-1.5 mm ²	<input type="checkbox"/>	613-9716	0.075 1.9	0.394 10	0.819 20.8	0.433 11	0.157 4.000	0.067 1.7	0.03 0.75

8.) Pin, 1.5 to 2.5 mm, length:10mm (613-9873)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	16	14
AMP.	18	30



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 16-14A.W.G.: BLUE

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.		DIMENSION inch(mm)						
	BUTTED SEAM		W	F	L	E	D	d1	T
16-14 A.W.G. 1.5-2.5 mm ²	<input type="checkbox"/>	613-9873	0.075 1.9	0.394 10	0.819 20.8	0.433 11	0.177 4.500	0.091 2.3	0.031 0.8

9.) Butt Splice, 0.5 to 1.5 mm (613-9794)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	22	20	18	16
AMP.	9	12	17	18



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 22-16A.W.G.: RED ■

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION inch(mm)			MATERIAL	CRIMPING TOOL
		L	D	d1		
22-16 A.W.G. 0.5-1.5 mm ²	<input type="checkbox"/> 613-9794	0.953 24.2	0.157 4.000	0.067 1.7	COPPER TUBULAR	WITH DIE INDEX COLOR: RED

10.) Butt Splice, 1.5 to 2.5 mm (613-9788)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	16	14
AMP.	18	30



MAXIMUM ELECTRICAL RATING: 105°C 600 VOLTS MAX.

INSULATION MATERIAL: VINYL

INSULATION COLOR: 16-14A.W.G.: BLUE

TERMINAL MATERIAL: COPPER

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION inch(mm)			MATERIAL	CRIMPING TOOL
		L	D	d1		
16-14 A.W.G. 1.5-2.5 mm ²	<input type="checkbox"/> 613-9788	0.953 24.2	0.177 4.500	0.091 2.3	COPPER TUBULAR	WITH DIE INDEX COLOR: BLUE

11.) Receptacle , 1.5 to 2.5 mm (613-9902)

MAXIMUM ELECTRIC CURRENT:

A.W.G.	16	14
AMP.	10	15




MAXIMUM ELECTRICAL RATING: 125°C 300 VOLTS MAX.

INSULATION MATERIAL: PC

INSULATION COLOR: 16-14A.W.G.: BLUE

TERMINAL MATERIAL: BRASS

WIRE RANGE A.W.G. mm ²	ITEM NO.	NEMA TAB	DIMENSION inch(mm)					
			W	F	L	B	D	T
16-14 A.W.G. 1.5-2.5 mm ²	 613-9902	.032X.250 (0.8X6.35)	0.26 6.6	0.295 7.5	0.846 21.5	0.433 11	0.177 4.500	0.016 0.4

12.) Ratchet Crimp Tool , 0.5 to 6 mm (125-1964)

CRIMPING ALL INSULATED TERMINALS

1.22-16 AWG(1.25mm²)

2.16-14 AWG(2mm²)

3.12-10 AWG(5.5mm²)

