

HOW TO SELECT THE PROPER CRIMP TERMINAL

Part #	R	4	B	6	S
Example	Tongue	Barrel Type	Wire Range	Stud Size	Special

Tongue

R = Ring
BS = Block Spade
B = Butt Splice

CFR = Female Disconnect, fully insulated
FR = Female Disconnect
CM(X)T = Male Tab, fully insulated

MT = Male Tab
FLFR = Female Flag Disconnect
LS = Locking Spade

P = Parallel Splice
PG = Piggy Back Female/Male
Disconnect/Tab

Barrel Type 1 Butted Seam

Pure electrolytic copper, annealed, electro-tin plated for corrosion resistance, designed with deep internal serration for firm wire grip

2 Brazed Seam

Same as type 1, except with a brazed seam to ensure maximum strength of wire terminators

4 Vinyl Insulation

Same as type 1 with a NEMA color-coded, funneled, vinyl insulating sleeve which when crimped, grips the wire insulation to avoid flexing at point of crimps. UL rated at 90°C, 600V

4N Nylon Insulation (No Brass Sleeve)

Same as type 1 with a color-coded nylon insulating sleeve without brass sleeve. UL rated at 105°C, 600V

6 Nylon Insulation (With Brass Sleeve)

Same as type 1 with NEMA color coded, nylon insulating sleeve or over a tin plated brass sleeve which offers maximum crimp strength where extreme vibration and flexing are encountered. UL rated at 105°C, 600V

7 Seamless Tube

Pure electrolytic copper, seamless, annealed and electro-tin plated for extra strength in a crimp

8 Nylon Insulation Seamless Tube

Same as type 7 with a nylon insulation for use where excessive vibration will be encountered.

9 High Temperature

Nickel-plated, cold rolled steel, butted seam terminals for temperatures up to 900°F

Wire Range

Code	A	B	C	E	F	G
Range (AWG)	22-18	16-14	12-10	8	6	4

Stud Size

Code	6	8	10	14		
Stud Size	#6	#8	#10	1/4"		
Code	56	38	50	110	187	250
Stud Size	5/16"	3/8"	1/2"	.110 NEMA Tab	.187 NEMA Tab	.250 NEMA Tab

Special

-- Standard S Small/Narrow Tongue F Fully Insulated

Packaging

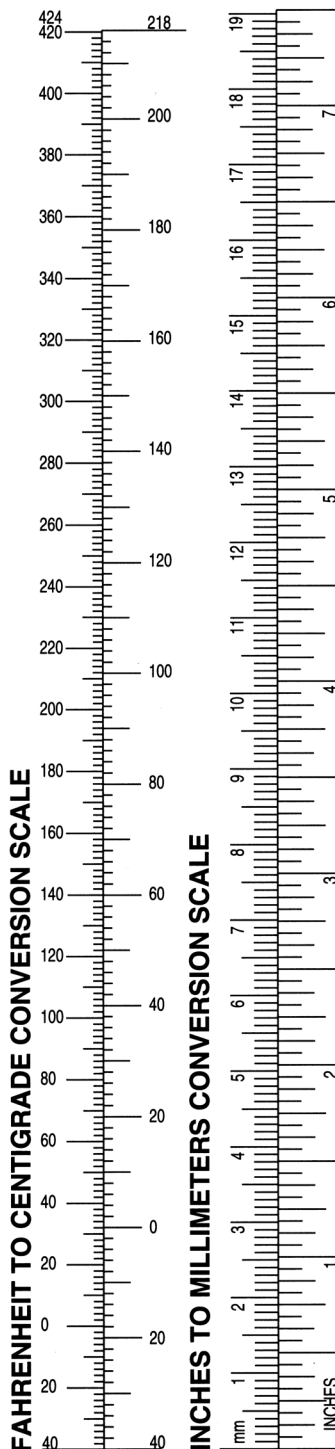
Pro Pack
Qty varies by product

Retail Pack
100 Qty

Bulk Pack
1,000 Qty



CONVERSION TABLES



Wire gauge conversion to decimal equivalents

INCH FRAC.	INCH DEC.	MILLI- METERS	INCH FRAC.	INCH DEC.	MILLI- METERS
1/64	.0156	0,397	33/64	.5156	13,097
1/32	.0312	0,794	17/32	.5312	13,494
3/64	.0468	1,191	35/64	.5468	13,891
1/16	.0625	1,588	9/16	.5625	14,288
5/64	.0781	1,984	37/64	.5781	14,684
3/32	.0937	2,381	19/32	.5937	15,081
7/64	.1093	2,778	39/64	.6093	15,478
1/8	.1250	3,175	5/8	.6250	15,875
9/64	.1406	3,572	41/64	.6406	16,272
5/32	.1562	3,969	21/32	.6562	16,669
11/64	.1718	4,366	43/64	.6718	17,066
3/16	.1875	4,763	11/16	.6875	17,463
13/64	.2031	5,159	45/64	.7031	17,859
7/32	.2187	5,556	23/32	.7187	18,256
15/64	.2343	5,954	47/64	.7343	18,653
1/4	.2500	6,350	3/4	.7500	19,050
17/64	.2656	6,747	49/64	.7656	19,447
9/32	.2812	7,144	25/32	.7812	19,844
19/64	.2968	7,541	51/64	.7968	20,241
5/16	.3125	7,938	13/16	.8125	20,638
21/64	.3281	8,334	53/64	.8281	21,034
11/32	.3437	8,731	27/32	.8437	21,431
26/64	.3593	9,128	55/64	.8593	21,828
3/8	.3750	9,525	7/8	.8750	22,225
25/64	.3906	9,922	57/64	.8906	22,622
13/32	.4062	10,319	29/32	.9062	23,019
27/64	.4218	10,716	59/64	.9218	23,416
7/16	.4375	11,113	15/16	.9375	23,813
29/64	.4531	11,509	64/64	.9531	24,209
15/32	.4687	11,906	31/32	.9687	24,606
31/64	.4843	12,303	63/64	.9843	25,003
1/2	.5000	12,700	1	1.000	25,400

Move decimal point three places to the right to read mills.

AWG	DIAMETER INCHES	CMA	AWG	DIAMETER INCHES	CMA
4/0	.460	212,000	12	.081	6,530
3/0	.410	168,000	13	.072	5,180
2/0	.365	133,000	14	.064	4,110
1/0	.325	106,000	15	.057	3,260
1	.289	83,700	16	.051	2,580
2	.258	66,400	17	.045	2,050
3	.229	52,600	18	.040	1,620
4	.204	41,700	19	.036	1,290
5	.182	33,100	20	.032	1,020
6	.162	26,300	21	.0285	810
7	.144	20,800	22	.0253	642
8	.128	16,500	23	.0226	509
9	.114	13,100	24	.0201	404
10	.102	10,400	25	.0179	320

AWG	mm ²	Standard wires mm ²
26-22	0.1-0.4	0.14 0.20 0.25 0.35
22-16	0.25-1.6	0.25 0.35 0.50 0.75 1.0 1.5
16-14	1.0-2.6	1.0 1.5 2.5
12-10	2.7-6.6	4.0 6.0
8	6.6-10.5	10
6	10.5-16.8	16
4	16.8-26.6	2.5
2	26.6-42.4	35
1/0	42.4-60.5	50
2/0	60.5-76.2	70
3/0	76.2-96.3	95
4/0	96.3-117.0	120

Hole diameter #10 and 3/8" are available in metric ref.

#10 .190 .209 (5,31) M5

3/8" .375 .413 (10,5) M9-10

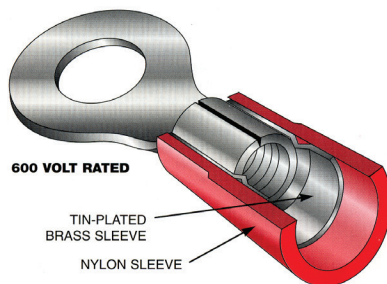
* All decimals plus or minus .003"
Fractions plus or minus .055".

Stud size with hole sizes.

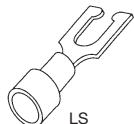
STANDARD STUD SIZE	SCREW DIA. (")	ETC HOLE DIA. INCH/mm	DIN.
● #0	.060	.094 (2,39)	M1,7-2,2
● #1	.073		
● #2	.086		
● #3	.099	.120 (3,025)	M2,6
● #4	.112		
● #5	.125	.146 (3,71)	M3-3,5
● #6	.138		
● #8	.164	.173 (4,39)	M4
● #10	.190	.198 (5,03)	
● #12	.216	.1764 (6,75)	M6
● #14	.242		
● 1/4"	.250		
● 5/16"	.312	.2164 (8,33)	M8
● 3/8"	.375	.2564 (9,92)	M9
● 7/16"	.437	.2964 (11,51)	M11
● 1/2"	.500	.3364 (13,10)	M12
● 5/8"	.625	.2132 (16,67)	M16
● 3/4"	.750	.2532 (19,84)	M18
● 7/8"	.875	.2932 (23,02)	M20
● 1"	1.000	.1-1/32 (26,19)	M25

Nylon Insulated Support Sleeve

Nylon insulated color coded barrel styles offer the ultimate in high-performance terminal design and construction. Tin-plated brass sleeve strengthens barrel and secures wire to protect against stress and high vibration. Permanently-attached color-coded Nylon insulating sleeve extends beyond the metal support sleeve. Funnel ferrule wire entrance into electrical barrel eliminates wire strand 'hang-up', increases crimping rates and wire termination reliability. Operating Temperature Range: continuous duty from -67°F to 221°F (-55°C to 105°C).



Copper Solid and Stranded Wire Only



For Locking Styles
contact ElecDirect

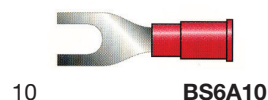
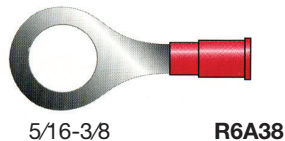
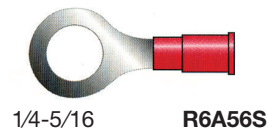
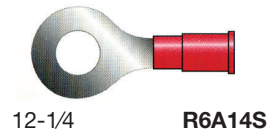


22-18 WIRE RANGE

.032 Stock

600 Volts

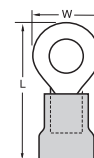
Stud Size Part Number



Stud Size Part Number



Terminals
are NOT
Actual Size
See Sizing
Chart on
Pages 39-40



DIMENSIONAL CHART		
Part Number	W	L
B8A		1.014"
BS6A10	0.301"	0.785"
BS6A6	0.294"	0.896"
BS6A6S	0.253"	0.886"
BS6A8	0.294"	0.907"
R6A14S	0.460"	1.130"
R6A38	0.538"	1.363"
R6A56S	0.460"	1.112"
R6A6	0.311"	0.916"
R6A6S	0.249"	0.902"
R6A8	0.313"	0.972"
R6A8S	0.313"	0.906"

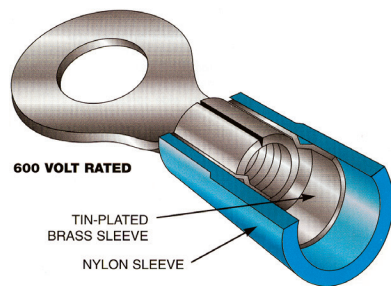
Terminals accept .140" Max. Wire Ins. Dia.; Splices – .120"

Add suffix "M" for 1000 pack

Approved installation tool: See tools chart pages 40-42
Economy installation tools: RAT-NYL, 453, HTS1000

Nylon Insulated Support Sleeve

Nylon insulated color coded barrel styles offer the ultimate in high-performance terminal design and construction. Tin-plated brass sleeve strengthens barrel and secures wire to protect against stress and high vibration. Permanently-attached color-coded Nylon insulating sleeve extends beyond the metal support sleeve. Funnel ferrule wire entrance into electrical barrel eliminates wire strand 'hang-up', increases crimping rates and wire termination reliability. Operating Temperature Range: continuous duty from -67°F to 221°F (-55°C to 105°C).



Copper Solid and Stranded Wire Only

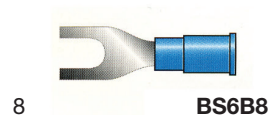
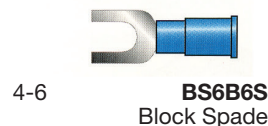
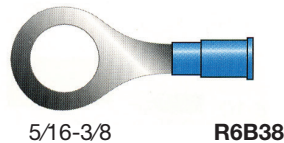
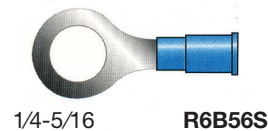
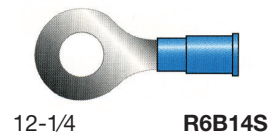
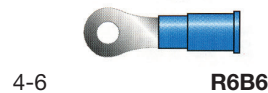


16-14 WIRE RANGE

.032 Stock

600 Volts

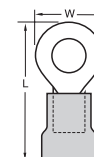
Stud Size Part Number



Stud Size Part Number



Terminals are NOT Actual Size See Sizing Chart on Pages 39-40



DIMENSIONAL CHART		
Part Number	W	L
B8B		1.058"
BS6B10	0.299"	0.880"
BS6B6	0.299"	0.897"
BS6B6S	0.246"	0.885"
BS6B8	0.298"	0.897"
R6B10	0.342"	1.033"
R6B38	0.530"	1.201"
R6B56S	0.464"	1.165"
R6B6	0.313"	0.980"
R6B6S	0.255"	0.935"
R6B8	0.313"	0.983"
R6B8S	0.252"	0.886"

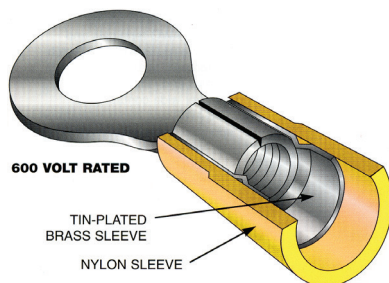
Terminals accept .170" Max. Wire Ins. Dia.; Splices - .150"

Add suffix "M" for 1000 pack

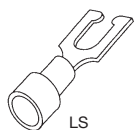
Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-NYL, 453, HTS1000
See pages 40-42 for installation tools.

Nylon Insulated Support Sleeve

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Copper Solid and Stranded Wire Only



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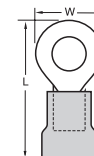
Terminals are NOT Actual Size See Sizing Chart on Pages 39-40

12-10 WIRE RANGE

.032 Stock

600 Volts

Stud Size	Part Number	Stud Size	Part Number
4-6	R6C6S	4-6	BS6C6
4-6	R6C6	8	BS6C8
6-8	R6C8S	10	BS6C10
6-8	R6C8	14	BS6C14
8-10	R6C10		Seamless Butt B8C
12-1/4	R6C14S		
1/4-5/16	R6C56S		
1/4-5/16	R6C56		
5/16-3/8	R6C38		
7/16-1/2	R6C50		



DIMENSIONAL CHART		
Part Number	W	L
B8C		1.240"
BS6C10	0.323"	1.117"
BS6C14	0.352"	1.010"
BS6C6	0.323"	1.160"
BS6C8	0.322"	1.163"
R6C10	0.374"	1.071"
R6C14S	0.531"	1.332"
R6C38	0.589"	1.434"
R6C50	0.747"	1.655"
R6C56	0.589"	1.433"
R6C56S	0.532"	1.336"
R6C6	0.375"	1.174"
R6C6S	0.292"	1.047"
R6C8	0.375"	1.047"
R6C8S	0.287"	1.131"

Terminals accept .225" Max. Wire Ins. Dia.; Splices - .210"



Add suffix "M" for 1000 pack

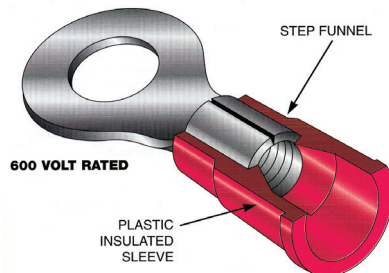
Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-NYL, 453, HTS1000
See pages 40-42 for installation tools.

P.V.C. Plastic Insulated Sleeve

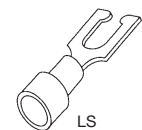
PVC (Butted Seam) terminals and splices feature a rigid Polyvinyl Chloride (PVC) insulation sleeve permanently attached to butted seam barrel (in #22-10) or brazed-seam PVC (in #22-2). Attaches to wire with one quick crimp. Insulation sleeve prevents vibration damage by not allowing wire flex at point of crimp. Funnel wire entrance into electrical barrel eliminates wire strand "hang-up", increases crimping rates and wire termination reliability*. Operating Temperature Range: continuous duty from -67°F to 221°F (-55°C to 105°C).

* Step construction provides ideal locator for proper crimping.

** Temp Rating 167°F (75°C)



Copper Solid and Stranded Wire Only



For Locking Styles contact ElecDirect

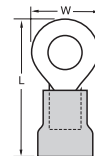


22-18 WIRE RANGE

.032 Stock

Stud Size	Part Number	Stud Size	Part Number
4-6	 R4A6S	10	 BS4A10
4-6	 R4A6		 P4A Parallel
6-8	 R4A8		 B4A** Buttsplice
8-10	 R4A10		
12-1/4	 R4A14S		
1/4-5/16	 R4A56S		
5/16-3/8	 R4A38		
4-6	 BS4A6S Block Spade		
4-6	 BS4A6		
8	 BS4A8		

Terminals are NOT Actual Size See Sizing Chart on Pages 39-40



DIMENSIONAL CHART		
Part Number	W	L
B4A		0.969"
BS4A10	0.294"	0.820"
BS4A6	0.298"	0.823"
BS4A6S	0.248"	0.814"
BS4A8	0.293"	0.827"
P4A		0.697"
R4A10	0.312"	0.900"
R4A14S	0.465"	1.092"
R4A38	0.535"	1.303"
R4A56S	0.466"	1.096"
R4A6	0.255"	0.844"
R4A6S	0.225"	0.747"
R4A8	0.313"	0.897"
R6A10	0.314"	0.974"

Terminals & Splices accept .145" Max. Wire Ins. Dia.

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-PVC, 453, HTS1000
See pages 40-42 for installation tools.

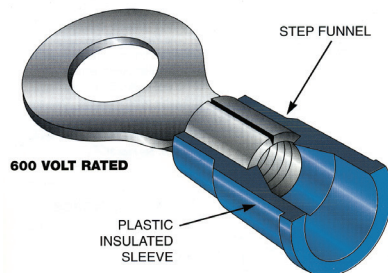


P.V.C. Plastic Insulated Sleeve

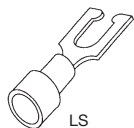
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* Step construction provides ideal locator for proper crimping.

** Temp Rating 167°F (75°C)



Copper Solid and Stranded Wire Only

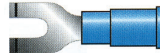
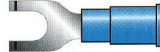
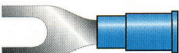


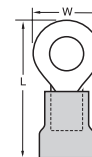
For Locking Styles contact ElecDirect

Terminals are NOT Actual Size See Sizing Chart on Pages 39-40

16-14 WIRE RANGE

.032 Stock

Stud Size	Part Number	Stud Size	Part Number
4-6	 R4B6S	8	 BS4B8
4-6	 R4B6	10	 BS4B10
6-8	 R4B8		 P4B Parallel
8-10	 R4B10		 B4B** Buttsplice
12-1/4	 R4B14S		
1/4-5/16	 R4B56S		
5/16-3/8	 R4B38		
4-6	 BS4B6S		
4-6	 BS4B6		



DIMENSIONAL CHART		
Part Number	W	L
B4B		0.948"
BS4B10	0.300"	0.823"
BS4B6	0.291"	0.942"
BS4B6S	0.247"	0.807"
BS4B8	0.299"	0.826"
P4B		0.679"
R4B10	0.342"	0.952"
R4B14S	0.468"	1.097"
R4B38	0.535"	1.290"
R4B56S	0.469"	1.093"
R4B6	0.313"	0.909"
R4B6S	0.248"	0.811"
R4B8	0.313"	0.909"

Terminals & Splices accept .175" Max. Wire Ins. Dia.



Add suffix "M" for 1000 pack

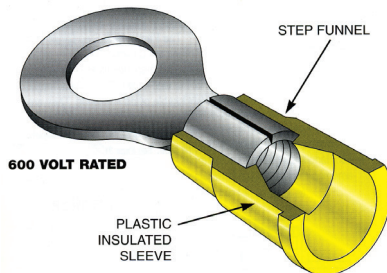
Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-PVC, 453, HTS1000
See pages 40-42 for installation tools.

P.V.C. Plastic Insulated Sleeve

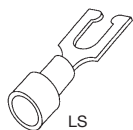
PVC (Butted Seam) terminals and splices feature a rigid Polyvinyl Chloride (PVC) insulation sleeve permanently attached to butted barrel (in #22-10) or (in #22-2). Attaches to wire with one quick crimp. Insulation sleeve prevents vibration damage by not allowing wire flex at point of crimp. Funnel wire entrance into electrical barrel eliminates wire strand "hang-up", increases crimping rates and wire termination reliability*. Operating Temperature Range: continuous duty from -67°F to 221°F (-55°C to 105°C).

* Step construction provides ideal locator for proper crimping.

** Temp Rating 167°F (75°C)



Copper Stranded Wire Only



For Locking Styles
contact ElecDirect

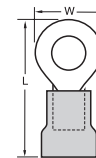
**Terminals
are NOT
Actual Size
See Sizing
Chart on
Pages 39-40**



12-10 WIRE RANGE

.040 Stock

Stud Size	Part Number	Stud Size	Part Number
4-6	R4C6S	4-6	BS4C6
4-6	R4C6	8	BS4C8
6-8	R4C8S	10	BS4C10
6-8	R4C8	12	BSF4C10
8-10	R4C10		B4C**
12-1/4	R4C14S		P4C Parallel
1/4-5/16	R4C56S		
1/4-5/16	R4C56		
5/16-3/8	R4C38		



DIMENSIONAL CHART		
Part Number	W	L
B4C		1.069"
BS4C10	0.323"	1.062"
BS4C14	0.356"	0.998"
BS4C6	0.321"	1.051"
BS4C8	0.323"	1.060"
P4C		0.831"
R4C10	0.377"	1.056"
R4C12	0.757"	1.513"
R4C14S	0.531"	1.221"
R4C38	0.589"	1.327"
R4C56	0.589"	1.320"
R4C56S	0.531"	1.224"
R4C6	0.376"	1.056"
R4C6S	0.286"	1.012"
R4C8	0.378"	1.053"
R4C8S	0.284"	1.022"

Terminals accept .250" Max. Wire Ins. Dia.

Add suffix "M" for 1000 pack

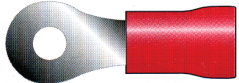
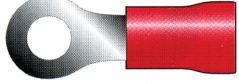
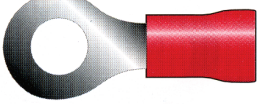
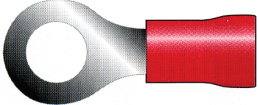
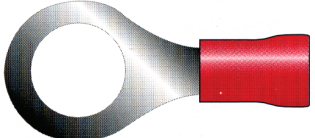
Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-PVC, 453, HTS1000
See pages 40-42 for installation tools.



P.V.C. Plastic Insulated Sleeve

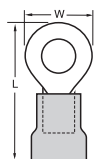
8 WIRE RANGE

.050 Stock

Stud Size		Part Number
8-10		761603
12-1/4		761600
1/4-5/16		761602
5/16-3/8		761601
7/16-1/2		761604

Terminals & Splices accept .385" Max. Wire Ins. Dia.

600 Volt Rated 221°F (105°C) Temperature Rating



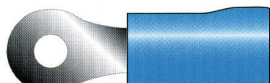
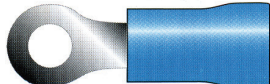
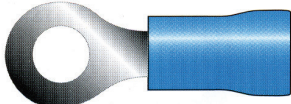
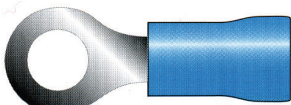
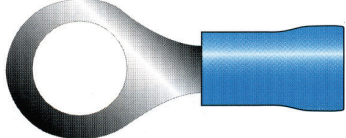
DIMENSIONAL CHART		
Part Number	W	L
761603	0.603"	1.421"
761600	0.603"	1.421"
761602	0.603"	1.421"
761601	0.603"	1.421"
761604	0.825"	1.718"



Copper Stranded Wire Only

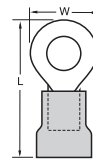
6 WIRE RANGE

.057 Stock

Stud Size		Part Number
8-10		761605
12-1/4		761610
1/4-5/16		761612
5/16-3/8		761611
7/16-1/2		761023

Terminals & Splices accept .440" Max. Wire Ins. Dia.

600 Volt Rated 221°F (105°C) Temperature Rating



DIMENSIONAL CHART		
Part Number	W	L
761605	0.645"	1.673"
761610	0.645"	1.673"
761612	0.645"	1.673"
761611	0.645"	1.673"
761023	0.837"	1.861"

Approved installation tool: See tool chart pages 40-42

Economy installation tool: LUG-8-2-INS

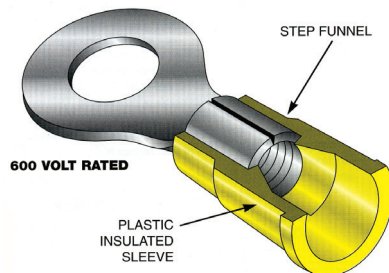
See pages 40-42 for installation tools.

Terminals are NOT Actual Size See Sizing Chart on pages 39-40

P.V.C. Plastic Insulated Sleeve

PVC (Butted Seam) terminals and splices feature a rigid Polyvinyl Chloride (PVC) insulation sleeve permanently attached to butted barrel (in #22-10) or (in #22-2). Attaches to wire with one quick crimp. Insulation sleeve prevents vibration damage by not allowing wire flex at point of crimp. Funnel wire entrance into electrical barrel eliminates wire strand "hang-up", increases crimping rates and wire termination reliability*. Operating Temperature Range: continuous duty from -67°F to 221°F (-55°C to 105°C).

* Step construction provides ideal locator for proper crimping.



Copper Stranded Wire Only

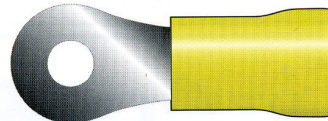


4 WIRE RANGE

.075 Stock

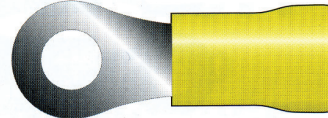
Stud Size Part Number

12-1/4



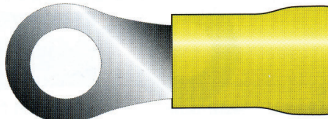
761041

1/4-5/16



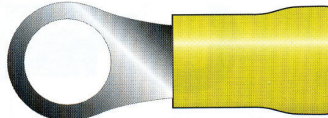
761042

5/16-3/8



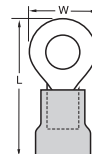
761043

7/16-1/2



761044

Terminals & Splices accept .515" Max. Wire Ins. Dia.



DIMENSIONAL CHART		
Part Number	W	L
761041	0.680"	1.840"
761042	0.680"	1.840"
761043	0.680"	1.840"
761044	0.680"	1.840"

Approved installation tool: See tool chart pages 40-42

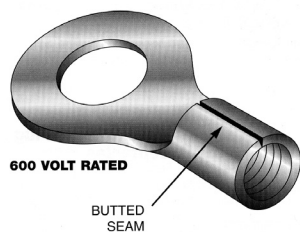
Economy installation tool: LUG-8-2-INS

See pages 40-42 for installation tools.

Terminals are NOT Actual Size See Sizing Chart on pages 39-40

Butted Seam Barrel

Stamped out of the finest quality electrolytic copper, the terminal barrel is rolled and the seam is butted. Terminals employ the full barrel length that eliminates costly and time consuming location when crimping. Non-insulated and using a one-piece design, it is the most economical style and is ideal for the greatest variety of applications, where special features are not required.

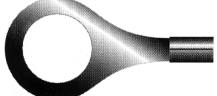


Copper Solid and Stranded Wire Only

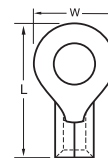


22-18 WIRE RANGE

.032 Stock

Stud Size	Part Number	Stud Size	Part Number
4-6	 R1A6S	10	 BS1A10
4-6	 R1A6		 Parallel P1A
6-8	 R1A8		 Butt B1A
8-10	 R1A10		
12-1/4	 R1A14S		
1/4-5/16	 R1A56S		
5/16-3/8	 R1A38		
4-6	 BS1A6S Block Spade		
4-6	 BS1A6		
8	 BS1A8		

Terminals are NOT Actual Size See Sizing Chart on pages 39-40



DIMENSIONAL CHART		
Part Number	W	L
B1A		0.570"
BS1A10	0.314"	0.615"
BS1A6	0.293"	0.619"
BS1A6S	0.246"	0.625"
BS1A8	0.312"	0.642"
R1A10	0.310"	0.697"
R1A14	0.530"	0.943"
R1A14S	0.460"	0.907"
R1A38	0.530"	0.940"
R1A56	0.531"	0.938"
R1A56S	0.460"	0.906"
R1A6	0.254"	0.642"
R1A6S	0.224"	0.545"
R1A8	0.313"	0.702"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-NINS, 453, HTS1000
See pages 40-42 for installation tools.

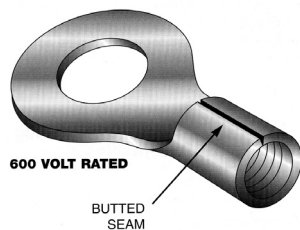


Butted Seam Barrel

16-14 WIRE RANGE

.032 Stock

Stamped out of the finest quality electrolytic copper, the terminal barrel is rolled and the seam is butted. Terminals employ the full barrel length that eliminates costly and time consuming location when crimping. Butted seam is the basic barrel style. Non-insulated and using a one-piece design, it is the most economical style and is ideal for the greatest variety of applications, where special features are not required.



Copper Solid and
Stranded Wire Only

Terminals
are NOT
Actual Size
See Sizing
Chart on
Pages 39-40



Stud Size Part Number

4-6  **R1B6S**

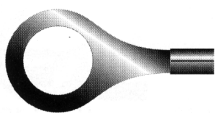
4-6  **R1B6**

6-8  **R1B8**

8-10  **R1B10**

12-1/4  **R1B14S**

1/4-5/16  **R1B56S**

5/16-3/8  **R1B38**

4-6  **BS1B6S**

8  **BS1B8**

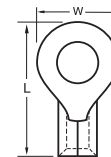
Stud Size Part Number

4-6  **BS1B6**

10  **BS1B10**

 Parallel **P1B**

 Butt **B1B**



DIMENSIONAL CHART		
Part Number	W	L
B1B		0.566"
BS1B10	0.301"	0.611"
BS1B6	0.299"	0.610"
BS1B6S	0.249"	0.619"
BS1B8	0.298"	0.610"
P1B		0.311"
R1B10	0.343"	0.755"
R1B14	0.535"	1.089"
R1B14S	0.468"	0.897"
R1B38	0.529"	0.941"
R1B56	0.525"	0.926"
R1B56S	0.459"	0.899"
R1B6	0.310"	0.703"
R1B6S	0.252"	0.618"
R1B8	0.312"	0.714"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-NINS, 453, HTS1000
See pages 40-42 for installation tools.

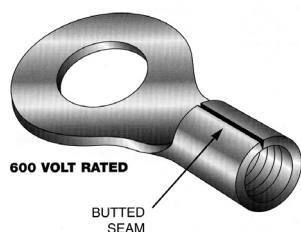


Butted Seam Barrel

12-10 WIRE RANGE

.040 Stock

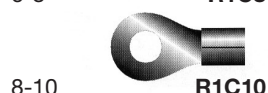
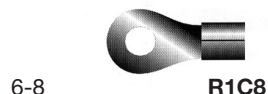
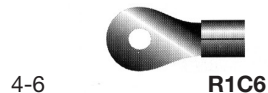
Stamped out of the finest quality electrolytic copper, the terminal barrel is rolled and the seam is butted. Terminals employ the full barrel length that eliminates costly and time consuming location when crimping. Butted seam is the basic barrel style. Non-insulated and using a one-piece design, it is the most economical style and is ideal for the greatest variety of applications, where special features are not required.



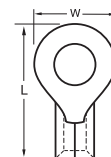
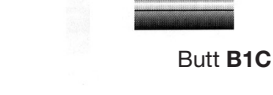
Copper Stranded Wire Only

Terminals
are NOT
Actual Size
See Sizing
Chart on
Pages 39-40

Stud Size Part Number



Stud Size Part Number



DIMENSIONAL CHART

Part Number	W	L
B1C		0.560"
BS1C10	0.325"	0.772"
BS1C6	0.314"	0.731"
BS1C8	0.324"	0.767"
P1C		0.311"
R1C10	0.377"	0.772"
R1C12	0.760"	1.280"
R1C14S	0.530"	0.936"
R1C38	0.592"	1.040"
R1C56S	0.529"	0.936"
R1C6	0.377"	0.765"
R1C6S	0.283"	0.686"
R1C8	0.376"	0.716"
R1C8S	0.295"	0.686"

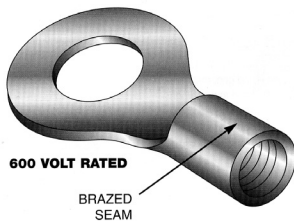


Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-NINS, 453, HTS1000
See pages 40-42 for installation tools.

Silver Brazed Barrel

The silver brazed barrel style terminals and connectors are the basic butted seam style with a brazed barrel seam. Bonded with a special silver brazing alloy, this seam cannot possibly open under any conditions of stress or wire pull. The silver brazed barrel is guaranteed not to split and may be crimped from any direction. It is truly versatile. It can be crimped by many different methods and many different kinds of tooling. Ideal for both difficult-to-crimp solid wires and for stranded wires.



HEAVY DUTY TERMINALS made from 0.50" stock are designed to resist fractures under HEAVY vibration. Here is the best line of terminals for those extra difficult applications where RUGGEDNESS really counts!

Copper Solid and Stranded Wire Only



22-18 WIRE RANGE

.032 Stock

Stud Size Part Number

4-6  **R2A6S**

4-6  **R2A6**

6-8  **R2A8**

8-10  **R2A10**

12-1/4  **R2A14S**

1/4-5/16  **R2A56S**

5/16-3/8  **R2A38**

4-6  **BS2A6S**
Block Spade

4-6  **BS2A6**

8  **BS2A8**

Stud Size Part Number

10  **BS2A10**

Butt **B7A**

Termin
are NO
Actual
See Si
Char
pages

DIMENSIONAL CHART

Part Number	W	L
B7A		0.660"
BS2A10	0.312"	0.645"
BS2A6	0.292"	0.644"
BS2A6S	0.247"	0.626"
BS2A8	0.312"	0.653"
R2A10	0.312"	0.703"
R2A14S	0.460"	0.899"
R2A38	0.529"	0.950"
R2A56	0.530"	0.937"
R2A56S	0.477"	0.835"
R2A6	0.256"	0.646"
R2A6S	0.225"	0.550"
R2A8	0.313"	0.700"
R2A8S	0.264"	0.582"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
 Economy installation tools: RAT-NINS, 453, HTS1000
 See pages 40-42 for installation tools.

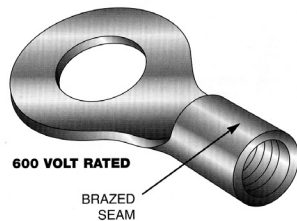


Silver Brazed Barrel

16-14 WIRE RANGE

.032 Stock

The silver brazed barrel style terminals and connectors are the basic butted seam style with a brazed barrel seam. Bonded with a special silver brazing alloy, this seam cannot possibly open under any conditions of stress or wire pull. The silver brazed barrel is guaranteed not to split and may be crimped from any direction. It is truly versatile. It can be crimped by many different methods and many different kinds of tooling. Ideal for both difficult-to-crimp solid wires and for stranded wires.



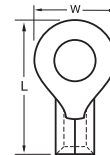
HEAVY DUTY TERMINALS made from 0.50" stock are designed to resist fractures under HEAVY vibration. Here is the best line of terminals for those extra difficult applications where RUGGEDNESS really counts!

Copper Solid and Stranded Wire Only

Terminals are NOT Actual Size See Sizing Chart on Pages 39-40



Stud Size	Part Number	Stud Size	Part Number
4-6	R2B6S	4-6	BS2B6
4-6	R2B6	10	BS2B10
6-8	R2B8		Butt B7B
8-10	R2B10		
12-1/4	R2B14S		
1/4-5/16	R2B56S		
5/16-3/8	R2B38		
4-6	BS2B6S		
8	BS2B8		



DIMENSIONAL CHART		
Part Number	W	L
B7B		0.656"
BS2B10	0.298"	0.607"
BS2B6	0.299"	0.606"
BS2B6S	0.251"	0.617"
BS2B8	0.313"	0.656"
P7B		0.293"
R2B10	0.344"	0.756"
R2B14S	0.469"	0.896"
R2B38	0.535"	1.084"
R2B56	0.530"	0.944"
R2B56S	0.462"	0.903"
R2B6	0.313"	0.704"
R2B6S	0.260"	0.560"
R2B8	0.313"	0.705"
R2B8S	0.251"	0.606"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-NINS, 453, HTS1000
See pages 40-42 for installation tools.

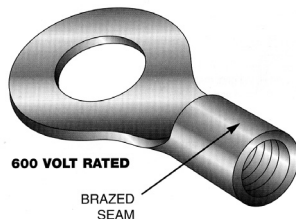


Silver Brazed Barrel

12-10 WIRE RANGE

.040 Stock

The silver brazed barrel style terminals and connectors are the basic buttressed seam style with a brazed barrel seam. Bonded with a special silver brazing alloy, this seam cannot possibly open under any conditions of stress or wire pull. The silver brazed barrel is guaranteed not to split and may be crimped from any direction. It is truly versatile. It can be crimped by many different methods and many different kinds of tooling. Ideal for both difficult-to-crimp solid wires and for stranded wires.

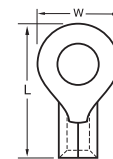


HEAVY DUTY TERMINALS made from 0.50" stock are designed to resist fractures under HEAVY vibration. Here is the best line of terminals for those extra difficult applications where RUGGEDNESS really counts!

Terminals are NOT Actual Size See Sizing Chart on Pages 39-40

Copper Stranded Wire Only

Stud Size	Part Number	Stud Size	Part Number
4-6	R2C6S	4-6	BS2C6
4-6	R2C6		
6-8	R2C8S	8	BS2C8
6-8	R2C8		
8-10	R2C10	10	BS2C10
			Butt B7C
12-1/4	R2C14S		
1/4-5/16	R2C56S		
1/4-5/16	R2C56		
5/16-3/8	R2C38		



DIMENSIONAL CHART		
Part Number	W	L
B7C		0.812"
BS2C10	0.312"	0.724"
BS2C6	0.330"	0.784"
BS2C8	0.315"	0.739"
R2C10	0.377"	0.772"
R2C14S	0.532"	0.933"
R2C38	0.591"	1.038"
R2C56	0.613"	0.984"
R2C56S	0.598"	1.056"
R2C6	0.376"	0.777"
R2C6S	0.282"	0.676"
R2C8	0.376"	0.761"
R2C8S	0.296"	0.688"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
 Economy installation tools: RAT-NINS, 453, HTS1000

See pages 40-42 for installation tools.



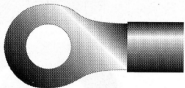
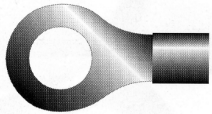
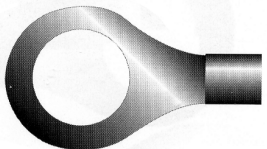
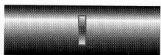
Silver Brazed Barrel 8 WIRE RANGE

.050 Stock



6 WIRE RANGE

.057 Stock

Stud Size		Part Number
8-10		R2E10 R2E10S
12-1/4		R2E14S
5/16-3/8		R2E38
7/16-1/2		R2E50
		Parallel P7E
		Butt B7E

Terminals are NOT Actual Size See Sizing Chart on Pages 39-40

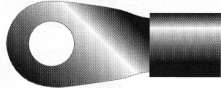
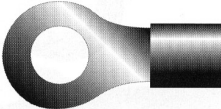
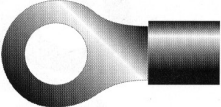
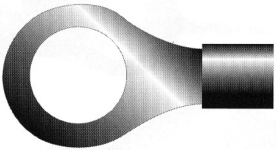
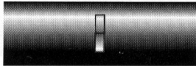
600 Volt Rated

Copper Stranded Wire Only

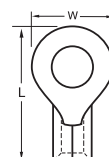


DIMENSIONAL CHART		
Part Number	W	L
B7E		0.832"
P7E		0.378"
R2E10	0.470"	0.962"
R2E10S	0.377"	0.925"
R2E14S	0.469"	0.951"
R2E38	0.590"	1.078"
R2E50	0.859"	1.336"
R2E8SS	0.377"	0.936"



Stud Size		Part Number
12-1/4		R2F14S
1/4-5/16		R2F56
5/16-3/8		R2F38
7/16-1/2		R2F50
		Parallel P7F
		Butt B7F

600 Volt Rated

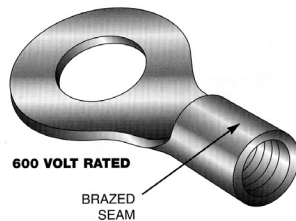


DIMENSIONAL CHART		
Part Number	W	L
B7F		1.022"
P7F		0.477"
R2F14	0.635"	1.249"
R2F14S	0.451"	1.163"
R2F38	0.634"	1.246"
R2F50	0.827"	1.447"
R2F56	0.645"	1.268"

Approved installation tool: See tool chart pages 40-42
Economy installation tools: LUG-12-4, LUG-8-4
See pages 40-42 for installation tools.

Silver Brazed Barrel

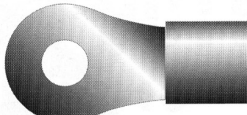
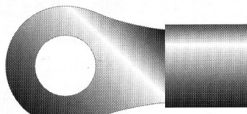
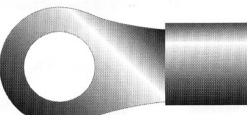
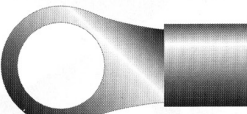
The silver brazed barrel style terminals and connectors are the basic butted seam style with a brazed barrel seam. Bonded with a special silver brazing alloy, this seam cannot possibly open under any conditions of stress or wire pull. The silver brazed barrel is guaranteed not to split and may be crimped from any direction. It is truly versatile. It can be crimped by many different methods and many different kinds of tooling. Ideal for both difficult-to-crimp solid wires and for stranded wires.



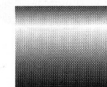
HEAVY DUTY TERMINALS made from 0.50" stock are designed to resist fractures under HEAVY vibration. Here is the best line of terminals for those extra difficult applications where RUGGEDNESS really counts!

4 WIRE RANGE

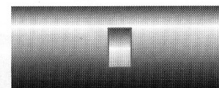
.075 Stock

Stud Size		Part Number
12-1/4		R2G14
1/4-5/16		R2G56
5/16-3/8		R2G38
7/16-1/2		R2G50

Terminals are NOT Actual Size See Sizing Chart on Pages 39-40



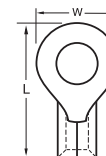
Parallel **P7G**



Butt **B7G**

Copper Stranded Wire Only

100 Pack Only



DIMENSIONAL CHART		
Part Number	W	L
B7G		1.123"
P7G		0.547"
R2G10	0.656"	1.329"
R2G10S	0.476"	1.234"
R2G14	0.663"	1.340"
R2G38	0.669"	1.337"
R2G50	0.680"	1.357"
R2G56	0.659"	1.342"



Approved installation tool: See tool chart pages 40-42
Economy installation tools: LUG-12-4, LUG-8-4
See pages 40-42 for installation tools.

QUICK DISCONNECTS



FEMALE

Wire Range	Tab Size	Non-insulated	P.V.C.	Nylon
22-18	.110X.020	FR1A 110	FR4A 110	FR6A 110
	.187X.020	FR1A 187	FR4A 187	FR6A 187
	.250X.032	FR1A 250	FR4A 250	FR6A 250
16-14	.110X.020	FR1B 110	FR4B 110	FR6B 110
	.187X.020	FR1B 187	FR4B 187	FR6B 187
	.250X.032	FR1B 250	FR4B 250	FR6B 250
12-10	.250X.032	FR1C 250	FR4C 250	FR6C 250

FEATURES: The tin plated brass connector features the rolled edge design for maximum spring-like insertion/withdrawal force. Protruding lip and beveled floor with detent aid in insertion and retention of tab and a wire stop prevents over-insertion of stripped wire. Other sizes and styles available. Check with factory for .187 x .032 size parts.

MALE

Wire Range	Tab Size	Non-insulated	P.V.C.	Nylon
22-18	.187X.020	MT1A 187	MT4A 187	MT6A 187
	.250X.032	MT1A 250	MT4A 250	MT6A 250
16-14	.187X.020	MT1B 187	MT4B 187	MT6B 187
	.250X.032	MT1B 250	MT4B 250	MT6B 250
12-10	.250X.032	MT1C 250	MT4C 250	MT6C 250

FEATURES: Pure copper tab plated with zinc chromate for maximum insertion/withdrawal values affording greater corrosion resistance. Lip for easier insertion. NOTE: Consult factory for .187 x .032 size parts.

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42

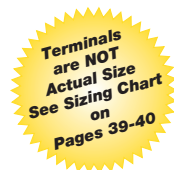
Economy installation tools: 453, HTS1000, RAT-NINS, RAT-DISC (insulated)

P.V.C. & Nylon disconnects rated -67°F to 221°F (-55°C to 105°C)

DUAL ADAPTERS

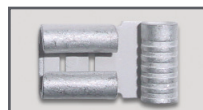


Part Number **MMFA** Converts one .250 x .032" male tab to two male tabs. Dual Male-Female Adapter. Also Available in .187 x .020 Part Number **MMFA187**
Material: Brass



Copper Stranded Wire Only
(All items listed on this page)

FLAG DISCONNECTS



Wire Range	Tab Size	Non-insulated
22-18	.187X.020	FLFR1A 187†
	.250X.032	FLFR1A 250†
16-14	.187X.020	FLFR1B 187†
	.250X.032	FLFR1B 250†
12-10	.250X.032	FLFR1C 250*††

Add suffix "M" for 1000 pack

†Approved installation tool:

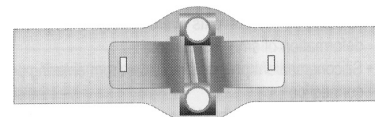
See tool chart pages 40-42

††Economy installation tool: HTS2000

* Not CSA or UL Listed

RECEPTACLES

INSULATED TAB RECEPTACLE



Part No. **MDT250** For connecting two .250 x .032 Female Quick Disconnects



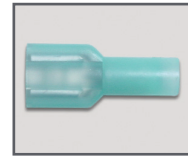
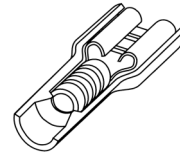
FULLY INSULATED FEMALE DISCONNECTS NYLON SINGLE CRIMP

For use with Copper Stranded Wire Only

Rated at 221°F(105°C)

Part #	AWG	Color	TAB SIZE
CFR4NA250F	22-18	RED	.250"
CFR4NA187F	22-18	RED	.187"
CFR4NB250F	16-14	BLUE	.250"
CFR4NB187F	16-14	BLUE	.187"
CFR4NC250F	12-10	YELLOW	.250"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-FIDISC, 453, HTS1000

Terminals
are NOT
Actual Size
See Sizing
Chart on
Pages 39-40

FULLY INSULATED MALE DISCONNECTS NYLON SINGLE CRIMP

For use with Copper Stranded Wire Only

Rated at 221°F(105°C)

Part #	AWG	Color	TAB SIZE
CM4TNA250F	22-18	RED	.250"
CM4TNA187F	22-18	RED	.187"
CM4TNB250F	16-14	BLUE	.250"
CM4TNB187F	16-14	BLUE	.187"
CM4TNC250F	12-10	YELLOW	.250"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-FIDISC, 453, HTS1000

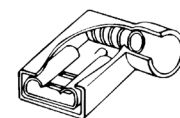
FULLY INSULATED FEMALE FLAG DISCONNECTS - NYLON SINGLE CRIMP

For use with Copper Stranded Wire Only

Rated at 221°F(105°C)

Part #	AWG	Color	TAB SIZE
FLFR6A250F	22-18	RED	.250"
FLFR6B250F	16-14	BLUE	.250"
FLFR6C250F	12-10	YELLOW	.250"

Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: RAT-FLAG (Red, Blue)

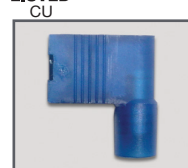
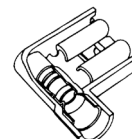
FULLY INSULATED FEMALE FLAG DISCONNECTS - NYLON DOUBLE CRIMP

For use with Copper Stranded Wire Only

Rated at 221°F(105°C)

Part #	AWG	Color	TAB SIZE
FLFR6A250BF	22-18	RED	.250"
FLFR6B250BF	16-14	BLUE	.250"
FLFR6C250BF	12-10	YELLOW	.250"

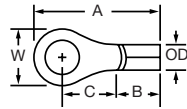
Add suffix "M" for 1000 pack

Approved installation tool: See tool chart pages 40-42
Economy installation tools: -RAT-FLAG (Red, Blue)

Extra
Brass Ring
Crimps Wire
Insulation

Copper Stranded Wire Only

TYPE 9 HIGH TEMPERATURE TERMINALS



One piece, steel construction, nickel plated for protection. Capable of providing reliable circuitry in temperature ranges up to 900 degrees Fahrenheit. Structural features of all Type 9 terminals are identical to the Type 1, which proves that they will provide the highest quality connection.

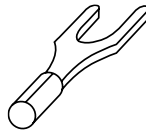
RING TERMINALS

BUTTED SEAM

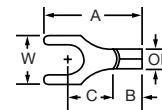
Rated at 600V

Part #	Copper Cond. Range	Stud Size	Stock Size (in)	Approx. Dimen. in Inches				
				A	W	C	B	OD
R9A6S	22-18	6	0.028	0.66	0.290	0.260	0.25	0.133
R9A8	22-18	8	0.028	0.66	0.324	0.250	0.25	0.133
R9A10	22-18	10	0.028	0.66	0.324	0.250	0.25	0.133
R9A14S	22-18	1/4	0.028	0.89	0.470	0.405	0.25	0.133
R9B6S	16-14	6	0.030	0.66	0.295	0.260	0.25	0.152
R9B8	16-14	8	0.030	0.71	0.324	0.295	0.25	0.152
R9B10	16-14	10	0.030	0.71	0.340	0.295	0.25	0.152
R9B14S	16-14	1/4	0.030	0.89	0.470	0.405	0.25	0.152
R9C6S	12-10	6	0.038	0.72	0.342	0.297	0.25	0.217
R9C8	12-10	8	0.038	0.72	0.342	0.297	0.25	0.217
R9C10	12-10	10	0.038	0.72	0.342	0.297	0.25	0.217
R9C14S	12-10	1/4	0.038	0.99	0.558	0.469	0.25	0.217
R9C56	12-10	5/16	0.038	0.99	0.558	0.469	0.25	0.217
R9C38	12-10	3/8	0.038	0.99	0.558	0.469	0.25	0.217

For use with Copper Solid and Stranded Wire Only



SPADE TERMINALS

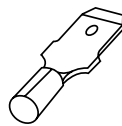
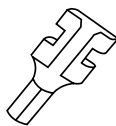


BUTTED SEAM

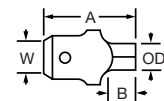
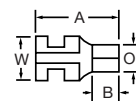
Rated at 600V

S9A10	22-18	10	0.028	0.73	0.312	0.321	0.25	0.07
S9B10	16-14	10	0.030	0.73	0.344	0.303	0.25	0.09
S9C10	12-10	10	0.038	0.72	0.35	0.294	0.25	0.13

For use with Copper Solid and Stranded Wire Only



MALE AND FEMALE DISCONNECTS



BUTTED SEAM

Rated at 600V

Part #	Copper Cond. Range	Stock Size (in)	A	W	B	OD
FR9B250	16-14	.032 x .250	0.650	0.30	0.25	0.133
MT9B250	16-14	.032 x .250	0.690	0.25	0.25	0.152
FR9C250	12-10	.032 x .250	0.660	0.30	0.25	0.175
MT9C250	12-10	.032 x .250	0.705	0.25	0.25	0.217

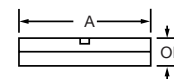
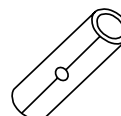
For use with Copper Stranded Wire Only

BUTT CONNECTORS

BUTTED SEAM

Rated at 600V

Part #	Copper Cond. Range	A	OD
B9A	22-18	0.560	0.133
B9B	16-14	0.560	0.152
B9C	12-10	0.625	0.212



For use with Copper Solid and Stranded Wire Only

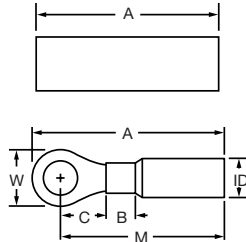
Add Suffix "M" for 1000 pack

Standard Pack – 100 pack

Installing Tools (22-10AWG): RAT-NINS, HTS1000, 453, RHT-1992

PRE-INSULATED HEAT SHRINKABLE TERMINALS AND SPLICES

Terminals are NOT Actual Size See Sizing Chart on pages 39-40



These heat shrinkable products provide a tough, environmentally sealed wire termination. These terminals and splices insulate and protect the electrical connections from wire pull-outs, abrasions and mechanical abuse. They also resist water, salt and other contaminants.



RING TERMINALS

BUTTED SEAM

Rated at 600V, 221°F (105°C)

Part #	Wire Size	Stud Size	Color Insul.	Approx. Dimen. in Inches			
				A	W	C	M
761648	16-14	8	Blue	1.150	0.310	0.144	0.932
761649	16-14	10	Blue	1.275	0.394	0.225	1.035
761650	16-14	1/4	Blue	1.306	0.474	0.284	1.080
761651	16-14	3/8	Blue	1.548	0.706	0.414	1.207
761652	12-10	10	Yellow	1.417	0.394	0.225	1.035
761653	12-10	1/4	Yellow	1.467	0.474	0.284	1.080
761654	12-10	3/8	Yellow	1.829	0.706	0.414	1.207

For use with Copper Solid and Stranded Wire Only



FEMALE DISCONNECTS (FOR .250 X .032 TABS)

BUTTED SEAM

Rated at 600V, 221°F (105°C)

Part #	Wire Size	Stud Size	Color Insul.	Approx. Dimen. in Inches	
				A	W
761655	16-14		Blue	1.14	0.253

For use with Copper Stranded Wire Only



MALE DISCONNECTS

BUTTED SEAM

Rated at 600V, 221°F (105°C)

Part #	Wire Size	Stud Size	Color Insul.	A	W
761656	16-14		Blue	1.227	0.25

For use with Copper Stranded Wire Only



BUTT CONNECTORS

SEAMLESS

Rated at 600V, 221°F (105°C)

Part #	Copper Cond. Range	Stock Size (in)	Color Code (ins)	Max. Insul. Diam.	A	ID
761244	22-18	0.03	Red	0.12	1.50	0.055
761245	16-14	0.03	Blue	0.155	1.50	0.09
761246	12-10	0.04	Yellow	0.215	1.625	0.142

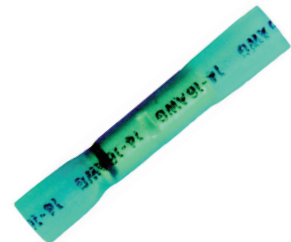
For use with Copper Solid and Stranded Wire Only

*Consult factory for other possible sizes and styles.

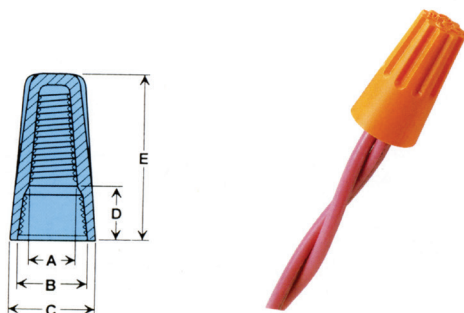
Add Suffix "B" for 500 pcs bulk pack

Standard Pack – 25 pcs/pack

Installing Tools: RAT-HS, Heat Shrink Gun (see website), or Butane Mini Torch (see website)



SCREW-ON WIRE CONNECTORS



DIMENSIONS:

Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
TN29	3.80	0.150	6.70	0.264	8.60	0.339	5.80	0.228	15.20	0.598
TN30	4.10	0.161	7.00	0.276	9.80	0.386	5.90	0.232	17.60	0.693
TN31	5.00	0.197	9.90	0.39	12.20	0.480	7.80	0.307	22.00	0.866
TN33	6.00	0.236	11.20	0.441	14.00	0.551	7.90	0.311	24.00	0.945
TN35	7.50	0.295	13.00	0.511	16.40	0.645	9.15	0.360	26.50	1.042

Model	Color	Approval		Wire Range & Rating	Packing
TN29C	Grey	 	LISTED	300 Volt Temp 105°C (221°F) No. 22 – No. 14 AWG Max. 1 #14 w/1 #20 Min. 2 #22	Box of 100
TN29M	Grey				Bag of 1000
TN29J	Grey				Jar of 500
TN30C	Blue	 	LISTED	300 Volt Temp 105°C (221°F) No. 22 – No. 14 AWG Max. 3 #16 Min. 2 #22	Box of 100
TN30M	Blue				Bag of 1000
TN30J	Blue				Jar of 350
TN31C	Orange	 	LISTED	600 Volt Max.* Temp 105°C (221°F) No. 22 – No. 14 AWG Max. 4 #16 w/1 #20 Min. 1 #18 w/1 #20	Box of 100
TN31D	Orange				Bag of 500
TN31J	Orange				Jar of 500
TN33C	Yellow	 	LISTED	600 Volt Max.* Temp 105°C (221°F) No. 22 – No. 10 AWG Max. 1 #10 w/2 #14 w/1 #16 Min. 3 #20	Box of 100
TN33D	Yellow				Bag of 500
TN33J	Yellow				Jar of 400
TN35L	Red	 	LISTED	600 Volt Max.* Temp 105°C (221°F) No. 22 – No. 8 AWG Max. 3 #10 Min. 3 #18	Box of 50
TN35D	Red				Bag of 500
TN35J	Red				Jar of 250

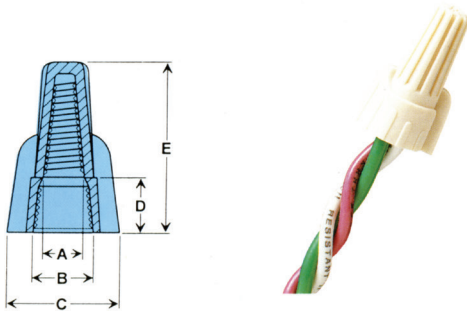
* 1000 Volt Max. in lighting fixtures and signs

- UL 486C Listed and CSA Certified
- Plastic cap molded of tough thermoplastic UL 94V-2 flame-retardant material
- Five color-coded to industry standards
- Socket tools are available for easy installation of wire connectors.



Copper Solid and Stranded Wire Only

WINGED WIRE CONNECTORS



DIMENSIONS:

Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
WN734D	7.20	0.283	11.60	0.457	18.30	0.720	9.20	0.362	29.00	1.142
WN735D	9.00	0.354	13.50	0.531	23.00	0.906	9.60	0.378	31.80	1.252
WN736D	10.00	0.394	14.90	0.587	25.50	1.000	10.00	0.394	33.30	1.311

Model	Color	Approval		Wire Range & Rating	Packing
WN734D	Tan	CSA®	UL LISTED	600 Volt / 300 Volt* Temp 105°C (221°F) No. 22 – No. 8 AWG Max. 3 #10 Min. 3 #22	Bag of 500
WN734J	Tan				Jar of 400
WN735D	Red	CSA®	UL LISTED	600 Volt / 300 Volt* Temp 105°C (221°F) No. 18 – No. 8 AWG Max. 5 #12 Min. 3 #16	Bag of 500
WN735J	Red				Jar of 250
WN736D	Grey	CSA®	UL LISTED	600 Volt Max.* Temp 105°C (221°F) No. 18 – No. 8 AWG Max. 3 #10 Min. 3 #14 w/1 #18	Bag of 500
WN736J	Grey				Jar of 175

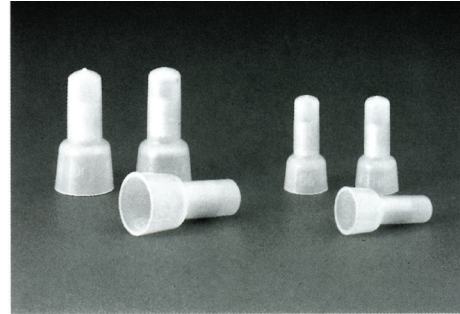
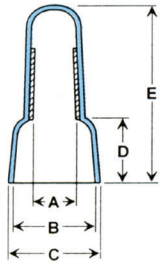
* 1000 Volt Max. in lighting fixtures and signs

- UL 486C Listed and CSA Certified
- Plastic cap molded of tough thermoplastic UL 94V-2 flame-retardant material
- Five color-coded to industry standards
- Socket tools are available for easy installation of wire connectors.



Copper Solid and Stranded Wire Only

CLOSED-END CONNECTORS



DIMENSIONS:

Model	A		B		C		D		E	
	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)
NPAA1	2.6	0.102	6.2	0.244	7.8	0.307	6.2	0.244	18.0	0.709
NPAB1	3.0	0.118	7.9	0.311	9.5	0.374	7.2	0.283	19.7	0.776
NPAC1	4.0	0.157	10.5	0.413	12.5	0.492	9.6	0.378	25.5	1.004

Model	Color	Approval	Wire Range & Rating	Packing
NPAA1	Nature	c  US LISTED	300 Volt Temp 105°C (221°F) No. 22 – No. 18 AWG Max. 2 #20 w/1 #18 Min. 2 #22	Box of 100
NPAA1M	Nature			Bag of 1000
NPAB1	Nature	c  US LISTED	300 Volt Temp 105°C (221°F) No. 22 – No. 14 AWG Max. 1 #18 w/1 #14 Min. 2 #22	Box of 100
NPAB1M	Nature			Bag of 1000
NPAB1J	Nature			Jar of 350
NPAC1	Nature	c  US LISTED	300 Volt Temp 105°C (221°F) No. 22 – No. 10 AWG Max. 3 #18 w/1 #12 Min. 2 #22 w/2 #18	Box of 100
NPAC1M	Nature			Bag of 1000
NPAC1J	Nature			Jar of 250

- Housing material: Polyamide 66 (Nylon 66), UL 94V-2 self-extinguishing
- Crimping tools: Hand Tools – RAT-CE



Copper Stranded Wire Only

INSULATED SINGLE FERRULES, DIN 46228/4

For Copper Stranded Wire Only

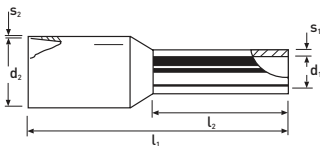
Ferrules are a convenient device used for termination of stranded wires. Ferrules eliminate the risk of fraying single strands and consequential accidental contacts and short circuits. They also protect the wire from damage when using compression screw, spring, or split-bolt type connectors.



Polypropylene Insulated Ferrules

Rated at 600V Max, 221°F (105°C)

Color DIN	Part-No.	AWG	Size mm ²	d1	d2	l1	l2	s1	s2	Packing Unit	Approved Tool V Series	CRIMP TOOLS		
												RAT-FER	SPR-FER	RAT-FER2
	FER-22-8D	22	0.50	1.00	2.60	14.00	8.00	0.15	0.25	500	V915	•	•	
	FER-22-6D	22	0.50	1.00	2.60	12.00	6.00	0.15	0.25	500	V915	•	•	
	FER-20-8D	20	0.75	1.20	2.80	14.00	8.00	0.15	0.25	500	V915	•	•	
	FER-20-12D	20	0.75	1.20	2.80	18.00	12.00	0.15	0.25	500	V915	•	•	
	FER-18-8D	18	1.00	1.40	3.00	14.00	8.00	0.15	0.25	500	V915	•	•	
	FER-18-12D	18	1.00	1.40	3.00	18.00	12.00	0.15	0.25	500	V915	•	•	
	FER-16-8D	16	1.50	1.70	3.50	14.00	8.00	0.15	0.25	500	V915	•	•	
	FER-16-10D	16	1.50	1.70	3.50	16.00	10.00	0.15	0.25	500	V915	•	•	
	FER-14-8D	14	2.50	2.20	4.20	14.00	8.00	0.15	0.25	500	V915	•	•	
	FER-14-12D	14	2.50	2.20	4.20	18.00	12.00	0.15	0.25	500	V915	•	•	
	FER-12-10D	12	4.00	2.80	4.80	17.00	10.00	0.20	0.30	500	V915	•	•	
	FER-12-12D	12	4.00	2.80	4.80	20.00	12.00	0.20	0.30	500	V915	•	•	
	FER-10-12C	10	6.00	3.50	6.30	20.00	12.00	0.20	0.30	100	V925		•	•
	FER-8-12C	8	10.00	4.50	7.60	22.00	12.00	0.20	0.40	100	V925		•	•



Technical Information

Insertion Funnel is made of Polypropylene and is heat resistant up to 221°F (105°C). Material: E-Copper, Surface electro tinned. Minimum Coating Thickness 3µm. Rated at 600V Max. Tolerances: after part 4

See Page 43 for tools.

FERRULES IN ASSORTMENT BOXES



Assortment Box with Insulated Single Ferrules



Part-No.	AWG	Content			Color DIN	Approved Tool V Series	CRIMP TOOLS		
		Quantity	mm ²	l2			RAT-FER	SPR-FER	RAT-FER2
FER-PAC111	Type 1	50	0.50	8		V915	•	•	
		100	0.75	8		V915	•	•	
		100	1.00	8		V915	•	•	
		100	1.50	8		V915	•	•	
		50	2.50	8		V915	•	•	

Assortment Box with Non-insulated Ferrules



Part-No.	AWG	Content			Size	Approved Tool V Series	CRIMP TOOLS		
		Quantity	mm ²	l2			RAT-FER	SPR-FER	RAT-FER2
FER-PAC050	Type 2	500	0.50	6	0.50-2.50 mm ²	V915	•	•	
		500	0.75	6		V915	•	•	
		400	1.00	6		V915	•	•	
		300	1.50	7		V915	•	•	
		200	2.50	7		V915	•	•	

See Page 43 for tools.

For Copper Stranded Wire Only

See Page 43 for tools.

INSULATED TWIN FERRULES

Ferrules are a convenient device used for termination of stranded wires. Ferrules eliminate the risk of fraying single strands and consequential accidental contacts and short circuits. They also protect the wire from damage when using compression screw, spring, or split-bolt type connectors.



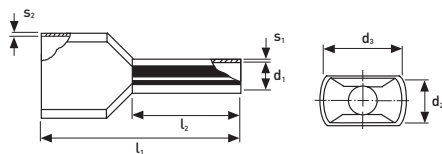
Polypropylene Insulated Twin Ferrules

Rated at 600V Max, 221°F (105°C)

Color DIN	Part-No.	AWG	Size mm ²	d1	d2	d3	l1	l2	s1	s2	Pack Unit	Approved Tool V Series	CRIMP TOOLS		
													RAT-FER	SPR-FER	RAT-FER2
	FER2-22-8D	2 x 22	2 x 0.50	1.40	2.50	4.70	15.00	8.00	0.15	0.25	500	V915	●		
	FER2-20-8D	2 x 20	2 x 0.75	1.70	2.80	5.00	15.00	8.00	0.15	0.25	500	V915	●		
	FER2-20-10D	2 x 20	2 x 0.75	1.70	2.80	5.00	17.00	10.00	0.15	0.25	500	V915	●		
	FER2-18-8D	2 x 18	2 x 1.00	1.95	3.40	5.40	15.00	8.00	0.15	0.30	500	V915	●		
	FER2-18-10D	2 x 18	2 x 1.00	1.95	3.40	5.40	17.00	10.00	0.15	0.30	500	V915	●		
	FER2-16-8D	2 x 16	2 x 1.50	2.20	3.60	6.60	16.00	8.00	0.15	0.30	500	V915	●	●	
	FER2-16-12D	2 x 16	2 x 1.50	2.20	3.60	6.60	20.00	12.00	0.15	0.30	500	V915	●	●	
	FER2-14-10B	2 x 14	2 x 2.50	2.80	4.20	7.80	18.50	10.00	0.20	0.30	250	V915		●	
	FER2-14-13B	2 x 14	2 x 2.50	2.80	4.20	7.80	21.50	13.00	0.20	0.30	250	V915		●	
	FER2-12-12C	2 x 12	2 x 4.00	3.70	4.90	8.80	23.00	12.00	0.20	0.40	100	V925			
	FER2-10-14C	2 x 10	2 x 6.00	4.80	6.90	10.00	26.00	14.00	0.20	0.40	100	V925			
	FER2-8-14C	2 x 8	2 x 10.00	6.40	7.20	13.00	26.00	14.00	0.20	0.40	100	V940			●
	FER2-6-14L	2 x 6	2 x 16.00	8.20	9.60	18.40	30.00	14.00	0.20	0.40	50	V940			●

See Page 43 for tools.

For Copper Stranded Wire Only



Technical Information

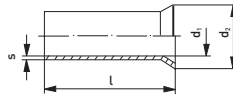
Insertion Funnel is made of Polypropylene and is heat resistant up to 221°F (105°C). Material: E-Copper, Surface electro tinned. Minimum Coating Thickness 3µm. Rated at 600V Max
Tolerances: after part 4

NON INSULATED FERRULES DIN 46228/1



Technical Information

Material: E-Copper,
Surface electro tinned.
Minimum Coating Thickness 3µm.
Rated at 600V Max
Tolerances: after part 1



Non-Insulated Ferrules

Rated at 600V

Part-No.	AWG	Size mm ²	d1	d2	l	s	Packing Unit	Approved Tool V Series	CRIMP TOOLS			
									RAT-FER	SPR-FER	RAT-FER2	RAT-FER2XL
FERN-20-10M	20	0.75	1.20	2.30	10.00	0.15	1	V915	●	●		
FERN-18-10M	18	1.00	1.40	2.50	10.00	0.15	1	V915	●	●		
FERN-16-10M	16	1.50	1.70	2.80	10.00	0.15	1	V915	●	●		
FERN-14-10M	14	2.50	2.20	3.40	10.00	0.15	1	V915	●	●		
FERN-12-12M	12	4.00	2.80	4.00	12.00	0.20	1	V915	●	●		
FERN-10-12B	10	6.00	3.50	4.70	10.00	0.20	250	V915	●	●	●	
FERN-8-12B	8	6.00	3.50	4.70	12.00	0.20	250	V925	●	●	●	
FERN-6-12B	6	10.00	4.50	5.80	12.00	0.20	250	V925			●	
FERN-4-12B	4	25.00	7.30	9.50	12.00	0.20	250	V940				●
FERN-2-12C	2	35.00	8.30	11.00	12.00	0.20	100	V940				●
FERN-1/0-18C	1/0	50.00	10.30	13.00	18.00	0.30	100	V945				
FERN-2/0-25C	2/0	70.00	12.50	15.00	25.00	0.40	100	V945				
FERN-3/0-25L	3/0	95.00	14.50	17.00	25.00	0.40	50	V945				
FERN-4/0-32L	4/0	120.00	16.50	19.00	32.00	0.50	50	V950 tool w/V953 die				

For Copper Stranded Wire Only

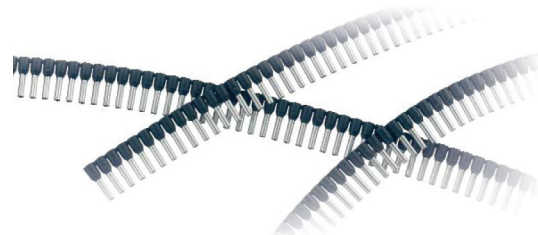
See Page 43 for tools.

INSULATED FERRULES IN CUT-STRIP FORM

Technical Information

Insertion Funnel is made of Polypropylene and is heatresistant up to 221°F (105°C).

Material: E-Copper,
Surface electro tinned.
Minimum Coating Thickness 3µm.
Rated at 600V Max
Tolerances: after part 4



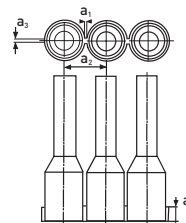
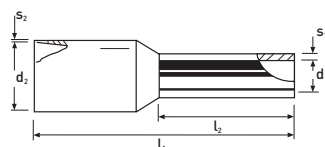
Cut-Strips Polypropylene Insulated Ferrules

Rated at 600V Max, 221°F (105°C)

Color DIN	Part-No.	AWG	Size mm ²	d1	d2	l1	l2	s1	s2	a1	a2	a3	a4	Packing Unit	Approved Tool
	FERSTR-22WH	22	0.50	1.00	2.60	14.00	8.00	0.15	0.30	0.20	3.60	0.25	1.50	500(10x50)	SPR-JOK
	FERSTR-20GR	20	0.75	1.20	2.80	14.00	8.00	0.15	0.30	0.20	3.60	0.25	1.50	500(10x50)	SPR-JOK
	FERSTR-18RD	18	1.00	1.40	3.00	14.00	8.00	0.15	0.30	0.20	4.20	0.25	1.50	500(10x50)	SPR-JOK
	FERSTR-16BK	16	1.50	1.70	3.50	14.00	8.00	0.15	0.30	0.20	4.20	0.25	1.50	500(10x50)	SPR-JOK
	FERSTR-14BL	14	2.50	2.20	4.20	14.00	8.00	0.15	0.30	0.20	5.00	0.25	1.50	500(10x50)	SPR-JOK

For Copper Stranded Wire Only

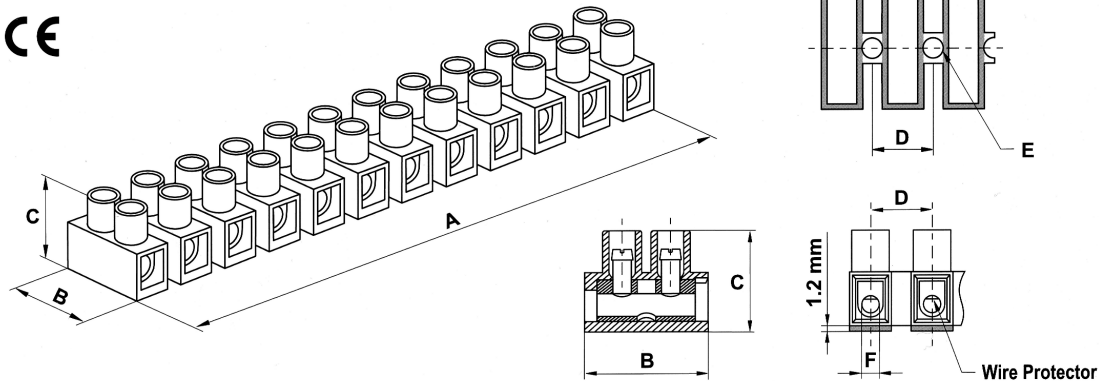
See Page 45 for tools.



TERMINAL STRIPS (H TYPE)

(POLYAMIDE 66, 1.5-4.0 mm² / 2.5-6.0 mm²)

CE

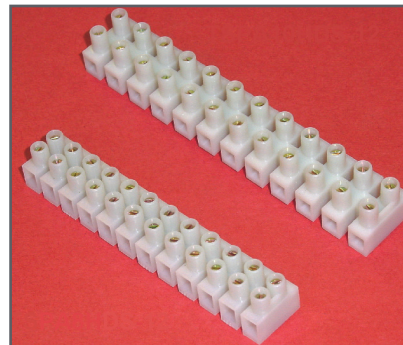


DIMENSIONS:

Model	Clamping Area	Wire Range (Cu, AWG)	Screw	Dimensions (mm/inch)							Packing
				Unit	A	B	C	D	E	F	
TSPA8HDS-12	1.5 mm ²	22-12 Sol/Str	M2.6x5	(mm)	96.20	17.00	14.50	8.00	2.90	2.8±0.1	50 Pcs/Bag
				(in)	3.79	0.67	0.57	0.32	0.11	0.11	500 Pcs/Ctn
TSPA10HDS-12	2.5 mm ²	22-12 Sol/Str 10 Sol	M3.0x6	(mm)	117.5	20.20	17.00	10.00	3.60	3.4±0.1	50 Pcs/Bag
				(in)	4.63	0.80	0.67	0.39	0.14	0.13	500 Pcs/Ctn

Description:

- **Base:** With 1.2 mm raised base
- **Housing Material:** Polyamide 66 (Nylon 66), UL 94V-2
- **Temperature Rating:** 221°F (105°C) (UL), -22°F to T230°F (-30°C to T110°C) (VDE)
- **Terminal Insert:** Brass metal alloy, nickel plated
- **Wire Protector (DS):** Stainless spring steel
- **Screw:** Zinc plated
- **Stripping Length:** 5.0 mm/0.20 inch for PA8; 6.5 mm/0.25 inch for PA10
- **Poles Available:** 12 poles



For Copper Wire Only

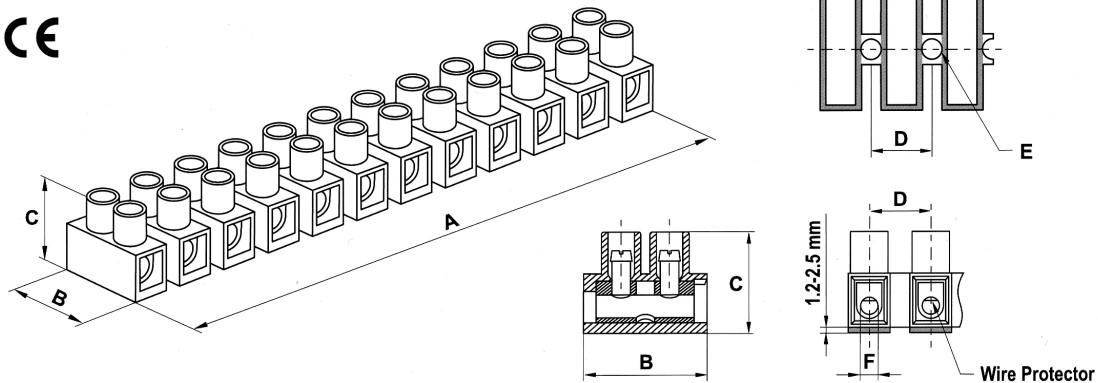
APPROVALS:

Model	Canada	U.S.A.	Germany
TSPA8HDS-12	600V, 20A #22 - #12	300V, 20A #22 - #12	450V, 17.5A 1.5 mm ²
TSPA10HDS-12	600V, 20A #22 - #12	300V, 20A #22 - #12	450V, 24A 2.5 mm ²



TERMINAL STRIPS (H TYPE)

(POLYAMIDE 66, 4.0-10.0 mm² / 10.0-16.0 mm²)

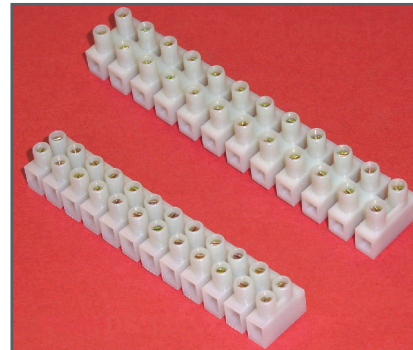


DIMENSIONS:

Model	Clamping Area	Wire Range (Cu, AWG)	Screw	Dimensions (mm/inch)							Packing
				Unit	A	B	C	D	E	F	
TSPA12HDS-12	4.0 mm ²	22-10 Sol/Str	M3.5x7	(mm)	140.7	23.80	19.00	12.00	3.90	4.2±0.1	40 Pcs/Bag
				(in)	5.40	0.94	0.75	0.47	0.15	0.15	400 Pcs/Ctn
TSPA14HDS-12	6.0 mm ²	20-8 Sol/Str	M4.0x9	(mm)	158.0	25.60	25.20	13.50	4.40	5.0±0.1	25 Pcs/Bag
				(in)	6.22	1.01	0.99	0.53	0.17	0.19	250 Pcs/Ctn

Description:

- **Base:** With 1.2-2.5 mm raised base
- **Housing Material:** Polyamide 66 (Nylon 66), UL 94V-0
- **Temperature Rating:** 221°F (105°C) (UL), -22°F to T230°F (-30°C to T110°C) (VDE)
- **Terminal Insert:** Brass metal alloy, nickel plated
- **Wire Protector (DS):** Stainless spring steel
- **Screw:** Zinc plated
- **Stripping Length:** 7.0 mm/0.27 inch for PA12; 9.0 mm/0.35 inch for PA14
- **Poles Available:** 12 poles



For Copper Wire Only

APPROVALS:

Model	Canada/U.S.A.	Germany
TSPA12HDS-12	300V, 35A #22 - #10	500V, 41A 6 mm ²
TSPA14HDS-12	600V, 50A #22 - #8	500V, 57A 10 mm ²



TERMINAL KITS



MK 42

These kits come with a variety of terminals and connectors for industrial, commercial, maintenance, construction and general use purposes. These kits are packaged in a rugged, heavy duty, hinged metal box.

Part #	Description
MK40	Metal Kit Box with Scoop Compartments
MK41	Metal Kit Box with Scoop Compartments and HTS-1000 Crimping Tool
MK42	Metal Kit Box with Scoop Compartments, HTS-1000 Crimping Tool and 500 Assorted Vinyl Insulated Terminals and Connectors
MK43	Metal Kit Box with Scoop Compartments, HTS-1000 Tool and 1000 Assorted Non-Insulated Terminals and Connectors
MK52	Large Metal Kit Box with Scoop Compartments, RAT-PVC Tool, 1 bag L-7509C, 1 IPWM-1 Marker Book and Assortment of 500 PVC Terminals



PK 55

These PK-50 maintenance and repair kits consist of 180 vinyl insulated terminals and connectors in 18 popular styles. All in a pilfer-proof clear plastic package.

Part #	Description
PK50NT	Kit, No Tool
PK55	HVAC/R Maintenance and Repair Kit, 18 popular items
PK57	Hi-Temp Terminal Kit, 12 popular Items (900°F)



PK 57

TERMINAL KIT CONTENTS

MK 42	MK 43	MK 52	PK 50NT	PK 55	PK 57
B4A	B1A	R4A6S	B4A	B4A	B9A
B4B	B1B	R4A10	B4B	B4B	B9B
B4C	B1C	R4B6S	B4C	B4C	B9C
BS4A8	BS1A8	R4B10	BS4A10	BS4B10	FR9B250
BS4B10	BS1B8	R4B14S	BS4B10	BS4C10	FR9C250
BS4C10	BS1B10	R4B38	BS4C10	FLFR1B250	MT9B250
FR4B250	BS1C8	R4C6	FR4A250	FR4B250	R9A10
MT4B250	BS1C10	R4C10	FR4B250	FR4C250	R9B10
NPAB1	FR1B250	R4C14S	FR4C250	FR6B250	R9C10
NPAC1	MT1B250	R4C38	MT4A250	FR9B250	S9A10
R4A6S	R1A6S	BS4A8	MT4B250	MMFA	S9B10
R4A10	R1A10	BS4B10	MT4C250	NPAB1	S9C10
R4B6S	R1B6S	BS4C10	NPAB1	NPAC1	
R4B10	R1B10	NPAB1	NPAC1	PG4B	
R4B14S	R1B14S	NPAC1	R4A10	R4B10	
R4B38	R1B38	B4A	R4B10	R4C10	
R4C6	R1C6	B4B	R4B14S	R9B10	
R4C10	R1C10	B4C	R4C10	R9C10	
R4C14S	R1C14S	FR4B250			
R4C38	R1C38	MT4B250			
		RAT-PVC			
		L-7500C			
		IPWM-1			

22-14 AWG Solid and Stranded wire.

12-10 AWG and all Male/Female Disconnects Stranded wire.

TERMINALS & CONNECTORS (K-SPEC® SERIES)

c  US
LISTED

Crimp 'N' Shrink Butt Connectors (K-Spec® Series)

600V Rating, 221°F (105°C), Copper



22-18GA



Approximate length of tubing:
1.250"

691244	5 pk
561244	100 pk
561244J	300 pcs/Jar
561244D	500 pk

16-14GA



Approximate length of tubing:
1.250"

691245	5 pk
561245	100 pk
561245J	300 pcs/Jar
561245D	500 pk

12-10GA



Approximate length of tubing:
1.500"

691246	5 pk
561246	100 pk
561246J	200 pcs/Jar
561246D	500 pk



PVC Insulated Butt Connectors (K-Spec® Series)

300V Rating, 167°F (75°C), Brass



22-18GA



691231	11 pk
561231	100 pk
561231D	500 pk

16-14GA



691232	10 pk
561232	100 pk
561232D	500 pk

12-10GA



691233	7 pk
561233	100 pk
561233D	500 pk

PVC Insulated Ring Terminals (K-Spec® Series)

600V Rating, 167°F (75°C), Copper



22-18GA



Stud Size #6	Stud Size #8	Stud Size #10	Stud Size 1/4"	Stud Size 5/16"	Stud Size 3/8"
561000	561002	691003	561004	561005	561006
100 pk	100 pk	11 pk	100 pk	100 pk	100 pk
561000D	561002D	561003D	561004D	561005D	561006D
500 pk	500 pk	500 pk	500 pk	500 pk	500 pk

16-14GA



Stud Size #6	Stud Size #8	Stud Size #10	Stud Size 1/4"	Stud Size 5/16"	Stud Size 3/8"
691016	691018	691019	691020	561021	691022
11 pk	11 pk	10 pk	9 pk	100 pk	7 pk
561016	561018	561019	561020	561021	561022
100 pk	100 pk	100 pk	100 pk	100 pk	100 pk
561016D	561018D	561019D	561020D	561021D	561022D
500 pk	500 pk	500 pk	500 pk	500 pk	500 pk

12-10GA



Stud Size #6	Stud Size #8	Stud Size #10	Stud Size 1/4"	Stud Size 5/16"
691032	561033	691034	691035	561036
7 pk	100 pk	7 pk	6 pk	100 pk
561032	561033D	561034	561035	561036D
100 pk	500 pk	100 pk	100 pk	100 pk
561032D		561034D	561035D	
500 pk		500 pk	500 pk	500 pk



Stud Size 3/8"	Stud Size 1/2"
691037	691038
6 pk	6 pk
561037	561038
100 pk	100 pk
561037D	561038D
500 pk	500 pk

Crimp Tools can be found on pages 44-45

TERMINALS & CONNECTORS (K-SPEC® SERIES)



PVC Insulated Spade/Fork Terminals (K-Spec® Series)

600V Rating, 167°F (75°C), Copper

Crimp Tools can be found
on pages 44-45

22-18GA



Stud Size #6

561048	100 pk
561048D	500 pk



Stud Size #8

561049	100 pk
561049D	500 pk



Stud Size #10

561050	100 pk
561050D	500 pk

16-14GA



Stud Size #6

561061	100 pk
561061D	500 pk



Stud Size #8

561062	100 pk
561062D	500 pk



Stud Size #10

691063	9 pk
561063	100 pk
561063D	500 pk



Stud Size 1/4"

561064	100 pk
561064D	500 pk

12-10GA



Stud Size #6

561074	100 pk
561074D	500 pk



Stud Size #8

561075	100 pk
561075D	500 pk



Stud Size #10

691076	7 pk
561076	100 pk
561076D	500 pk



Stud Size 1/4"

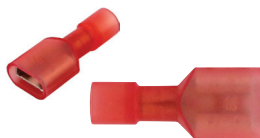
561077	100 pk
561077D	500 pk

Fully Insulated Quick Disconnects/Slide Connectors (K-Spec® Series)

300V Rating, Brass. Nylon-221°F (105°C). PVC-167°F (75°C)

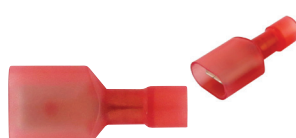


22-18GA



Female quick disconnect, Fully
Insulated (Nylon). Tab Size .250" x .032"

561354	100 pk
561354D	500 pk



Male quick disconnect, Fully
Insulated (Nylon). Tab Size .250" x .032"

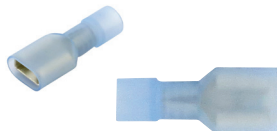
561353	100 pk
561353D	500 pk



Female quick disconnect, Fully
Insulated (PVC). Tab Size .250" x .032"

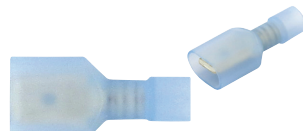
561345	100 pk
561345D	500 pk

16-14GA



Female quick disconnect, Fully
Insulated (Nylon). Tab Size .250" x .032"

561357	100 pk
561357D	500 pk



Male quick disconnect, Fully
Insulated (Nylon). Tab Size .250" x .032"

561358	100 pk
561358D	500 pk



Female quick disconnect, Fully
Insulated (PVC). Tab Size .250" x .032"

561346	100 pk
561346D	500 pk

12-10GA



Female quick disconnect, Fully
Insulated (Nylon). Tab Size .250" x .032"

561623	100 pk
561623D	500 pk



Male quick disconnect, Fully
Insulated (Nylon). Tab Size .250" x .032"

561621	100 pk
561621D	500 pk



Female quick disconnect, Fully
Insulated (PVC). Tab Size .250" x .032"

561347	100 pk
561347D	500 pk

TERMINALS & CONNECTORS (K-SPEC® SERIES)



PVC Insulated Quick Disconnects/Slide Connectors (K-Spec® Series)



300V Rating, 167°F (75°C), Brass

22-18GA



Female quick disconnect

Tab Size .110" x .020"

561377 100 pk

561377D 500 pk



Male quick disconnect

Tab Size .110" x .020"

561378 100 pk

561378D 500 pk



Female quick disconnect

Tab Size .110" x .032"

561379 100 pk

561379D 500 pk



Male quick disconnect

Tab Size .110" x .032"

561380 100 pk

561380D 500 pk



Female quick disconnect

Tab Size .187" x .020"

561381 100 pk

561381D 500 pk



Male quick disconnect

Tab Size .187" x .020"

561382 100 pk

561382D 500 pk



Female quick disconnect

Tab Size .187" x .032"

561383 100 pk

561383D 500 pk



Male quick disconnect

Tab Size .187" x .032"

561384 100 pk

561384D 500 pk



Female quick disconnect

Tab Size .205" x .020"

561395 100 pk

561395D 500 pk



Female quick disconnect

Tab Size .250" x .032"

561352 100 pk

561352D 500 pk



Male quick disconnect

Tab Size .250" x .032"

561351 100 pk

561351D 500 pk

16-14GA



Female quick disconnect

Tab Size .110" x .020"

561396 100 pk

561396D 500 pk



Male quick disconnect

Tab Size .110" x .020"

561391 100 pk

561391D 500 pk



Female quick disconnect

Tab Size .110" x .032"

561397 100 pk

561397D 500 pk



Female quick disconnect

Tab Size .187" x .020"

561387 100 pk

561387D 500 pk



Male quick disconnect

Tab Size .187" x .020"

561388 100 pk

561388D 500 pk



Female quick disconnect

Tab Size .187" x .032"

561389 100 pk

561389D 500 pk



Male quick disconnect

Tab Size .187" x .032"

561390 100 pk

561390D 500 pk



Female quick disconnect

Tab Size .205" x .020"

561398 100 pk

561398D 500 pk



Female quick disconnect

Tab Size .250" x .032"

691355 11 pk

561355 100 pk

561355D 500 pk



Male quick disconnect

Tab Size .250" x .032"

691356 10 pk

561356 100 pk

561356D 500 pk



Female quick disconnect

Tab Size .312" x .032"

561399 100 pk

561399D 500 pk



Female quick disconnect

Tab Size .375" x .047"

561400 100 pk

561400D 500 pk

12-10GA



Female quick disconnect

Tab Size .250" x .032"

692093 6 pk

562093 100 pk

562093D 500 pk



Male quick disconnect

Tab Size .250" x .032"

692115 7 pk

562115 100 pk

562115D 500 pk



Female quick disconnect

Tab Size .375" x .047"

561401 100 pk

561401D 500 pk

Crimp Tools can be found
on pages 44-45

TERMINALS & CONNECTORS (K-SPEC® SERIES)

PVC Insulated Bullet Connectors (K-Spec® Series)

300V Rating, 167°F (75°C), Brass



22-18GA



.156" Female Receptacle

561248	100 pk
561248D	500 pk



.156" Male Snap Plug

561247	100 pk
561247D	500 pk

16-14GA - 2 Way (Clear)



NOT LISTED

Mates with two .156" Males

691261	5 pk
561261	100 pk
561261D	500 pk

16-14GA



.156" Female Receptacle

691289	8 pk
561289	100 pk
561289D	500 pk



.156" Male Snap Plug

691251	8 pk
561251	100 pk
561251D	500 pk



.197" Female Receptacle

561258	100 pk
561258D	500 pk



.197" Male Snap Plug

561257	100 pk
561257D	500 pk

12-10GA



.197" Female Receptacle

561260	100 pk
561260D	500 pk



.197" Male Snap Plug

561259	100 pk
561259D	500 pk

Crimp Tools can be found
on pages 44-45

PVC Insulated Piggy Back Connectors (K-Spec® Series)

300V Rating, 167°F (75°C), Brass



22-18GA



562415	100 pk
562415D	500 pk

16-14GA



562416	100 pk
562416D	500 pk

12-10GA



562399	100 pk
562399D	500 pk

PVC Insulated Instant Connectors (K-Spec® Series)

600V Rating, 167°F (75°C), Copper



NOT LISTED

22-18GA



Tap Splice-Red

561370	100 pk
561370D	500 pk

16-14GA



Tap Splice-Blue

691371	3 pk
561371	100 pk
561371D	500 pk

12-10GA



Tap Splice-Yellow

691372	2 pk
561372	100 pk
561372D	500 pk

PVC Insulated Pin Terminals (K-Spec® Series)

600V Rating, 167°F (75°C), Copper



22-18GA



562418	100 pk
562418D	500 pk

16-14GA



562419	100 pk
562419D	500 pk

12-10GA



562417	100 pk
562417D	500 pk

TERMINALS & CONNECTORS (K-SPEC® SERIES)

c  US
LISTED

Nylon Insulated Closed End Connectors (K-Spec® Series)

300V Rating, 221°F (105°C), Copper



Crimp Tools can be found
on pages 44-45

22-18GA



561293 100 pk
561293D 500 pk

16-14GA



561294 100 pk
561294D 500 pk

12-10GA



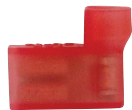
561295 100 pk
561295D 500 pk

Nylon Insulated Female Flag Connectors (K-Spec® Series)

300V Rating, 221°F (105°C), Copper



22-18GA



.187" x .032"

562398 100 pk
562398D 500 pk



.250" x .032"

562407 100 pk
562407D 500 pk

16-14GA



.250" x .032"

562408 100 pk
562408D 500 pk



Non-Insulated Butt Connectors (K-Spec® Series)

600V Rating, 221°F (105°C), Copper. Butted Seam



22-18GA



562404 100 pk
562404D 500 pk

16-14GA



562405 100 pk
562405D 500 pk

12-10GA



562406 100 pk
562406D 500 pk

The following part numbers have been discontinued, and replaced with the corresponding part numbers.

Old Part#	⇒	New Part#
762401(M)	⇒	562404(D)
762402(M)	⇒	562405(D)
762403(M)	⇒	562406(D)

Non-Insulated Ring Terminals (K-Spec® Series)

600V Rating, 221°F (105°C), Copper. Butted Seam



22-18GA



Stud Size #6
562000 100 pk
562000D 500 pk



Stud Size #8
562001 100 pk
562001D 500 pk



Stud Size #10
562002 100 pk
562002D 500 pk



Stud Size 1/4"
562003 100 pk
562003D 500 pk

16-14GA



Stud Size #6
562004 100 pk
562004D 500 pk



Stud Size #8
562005 100 pk
562005D 500 pk



Stud Size #10
562006 100 pk
562006D 500 pk



Stud Size 1/4"
562007 100 pk
562007D 500 pk

12-10GA



Stud Size #8
562008 100 pk
562008D 500 pk



Stud Size #10
562009 100 pk
562009D 500 pk



Stud Size 1/4"
562010 100 pk
562010D 500 pk



Stud Size 5/16"
562011 100 pk
562011D 500 pk



Stud Size 3/8"
562012 100 pk
562012D 500 pk

TERMINALS & CONNECTORS (K-SPEC® SERIES)

Solderless Terminal Assortment Kit (K-Spec® Series)

560500 Green metal storage tray with carrying handle comes complete with 500 pieces of 20 widely used K-Spec® Series Solderless Terminals. Tray has space for a Crimp Tool. Each part number is indexed on an affixed reference chart for easy identification and quick reorder. Dimensions: 13-1/2"W x 10"L x 1-5/8"H

Kit Contents:

Part#	Qty	Part#	Qty	Part#	Qty
561003	25 pcs	561250	25 pcs	561352	25 pcs
561016	25 pcs	561251	25 pcs	561353	25 pcs
561019	25 pcs	561261	25 pcs	561355	25 pcs
561231	25 pcs	561289	25 pcs	561356	25 pcs
561232	25 pcs	561345	25 pcs	561358	25 pcs
561233	25 pcs	561346	25 pcs	562093	25 pcs
561247	25 pcs	561351	25 pcs		



560500 Solderless Terminal Assortment Kit in a Metal Storage Tray (K-Spec® Series)

Solderless Terminal Assortment Kit (K-Spec® Series)

These handy assortment kits come complete with 175 pieces of 18 widely used K-Spec® Series PVC Insulated Solderless Terminals in plastic storage trays. Each part number is indexed on an affixed reference chart for easy identification and quick reorder. Dimensions: 8-1/4"W x 4-1/8"L x 1-1/8"H. These kits are available with or without a crimp tool under the following part numbers:

560175 (with tool)

560175NT (without tool)

Both Kits' Contents:

Part#	Qty	Part#	Qty	Part#	Qty
561003	10 pcs	561247	10 pcs	561346	10 pcs
561016	10 pcs	561250	10 pcs	561351	10 pcs
561019	10 pcs	561251	10 pcs	561352	10 pcs
561231	10 pcs	561261	10 pcs	561355	10 pcs
561232	10 pcs	561289	10 pcs	561356	10 pcs
561233	10 pcs	561345	10 pcs	562093	10 pcs

Available
with or without
a crimp tool...
your choice!



560175 Solderless Terminal Assortment Kit in a Plastic Storage Tray (K-Spec® Series) with Tool



560175NT Solderless Terminal Assortment Kit in a Plastic Storage Tray (K-Spec® Series)

WIRE TERMINAL SELECTOR CHART

Actual Size Terminals Makes Selection Easy!

PVC Insulated Ring Terminals

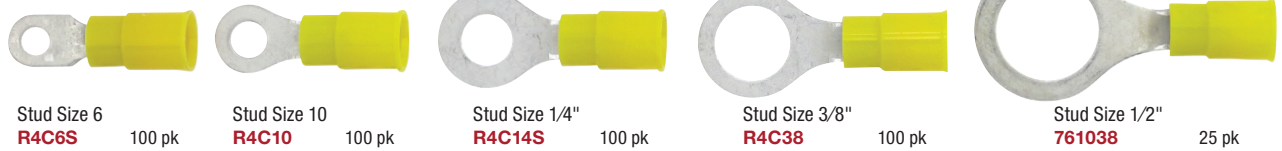
22-18GA



16-14GA



12-10GA



Nylon Insulated Ring Terminals

22-18GA



16-14GA



12-10GA



WIRE TERMINAL SELECTOR CHART

Actual Size Terminals Makes Selection Easy!

Nylon Insulated Quick Disconnects

22-18GA



Female quick disconnect
Fully Insulated, Tab Size 0.25"

CFR4NA250F

100 pk



Male quick disconnect
Fully Insulated, Tab Size 0.25"

CM4TNA250F

100 pk

16-14GA



Female quick disconnect
Fully Insulated, Tab Size 0.25"

CFR4NB250F

100 pk



Male quick disconnect
Fully Insulated, Tab Size 0.25"

CM4TNB250F

100 pk



12-10GA



Female quick disconnect
Fully Insulated, Tab Size 0.25"

CFR4NC250F

100 pk



Male quick disconnect
Fully Insulated, Tab Size 0.25"

CM4TNC250F

100 pk



Nylon Insulated Flag Terminals

22-14GA



.25" Tab Size

FLFR6A250F

100 pk

16-14GA



.25" Tab Size

FLFR6B250F

100 pk

12-10GA



.25" Tab Size

FLFR6C250F

100 pk

PVC Butt Splice

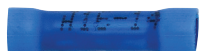
22-18GA



B4A

100 pk

16-14GA



B4B

100 pk

12-10GA



B4C

100 pk

Heat Shrink Butt Splice

22-18GA



761244

25 pk

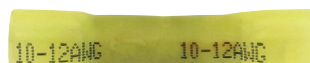
16-14GA



761245

25 pk

12-10GA



761246

25 pk

"RHT" APPROVED TOOLS CHART

Ratcheting Ergonomic Crimp Tools



Tools listed are the approved tools designed for terminals, splices and disconnects.

Tools may not be exactly as shown.

Part #	"RHT" Tool 1	"RHT" Tool 2	Pneumatic crimp die 1	Pneumatic crimp die 2
B1A	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
B1B	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
B1C	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
B4E	PPDLH-CS/192860065	PPHLS-CS/192860117	HHL-D-710/192890001	
B4F	PPDLH-CS/192860065	PPHLS-CS/192860117	HHL-E-720/192890004	
B7A	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
B7B	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
B7C	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
B7E	AT/192820004	HHS/192900034	HHL/192900001	DLH/ 30 PSI
B7F	AT/192820003	HHS/192900037	HHL/192900004	DLH/35 PSI
B7G	192860065/PPDLH-40PSI	192860117/PPHLS	HHL DIE 192900007	64001-3900
B8A	RHT/192850054		AT/192830049	
B8B	RHT/192850055	RHT/192850006	AT/192830050	AT/192830003
B8C	RHT/192850059	RHT/192850006	AT/192830053	AT/192830003
BS1A10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS1A6	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS1A6S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS1A8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS1B10	640030100/RHT-1992/192840014	RHT-1000/192840001	640070100/AT-1992/192820015	AT-1000/192820001
BS1B6	640030100/RHT-1992/192840014	RHT-1000/192840001	640070100/AT-1992/192820015	AT-1000/192820001
BS1B8	640030100/RHT-1992/192840014	RHT-1000/192840001	640070100/AT-1992/192820015	AT-1000/192820001
BS1C10	640030100/RHT-1992/192840014	RHT-1000/192840001	640070100/AT-1992/192820015	AT-1000/192820001
BS1C6	640030100/RHT-1992/192840014	RHT-1000/192840001	640070100/AT-1992/192820015	AT-1000/192820001
BS1C8	640030100/RHT-1992/192840014	RHT-1000/192840001	640070100/AT-1992/192820015	AT-1000/192820001
BS2A10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS2A6	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS2B6S	RHT/192840002	RHT/192840014	AT/192820002	AT/192820015
BS2C10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS2C8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
BS4A10	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4A6	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4A6S	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4A8	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4B10	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4B6	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4B6S	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4B8	640010100/RHT-1990/192850004		640050100/AT-1990	
BS4C10	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BS4C6	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BS4C8	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BS6A10	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
BS6A6	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
BS6A6S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
BS6A8	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
BS6B10	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
BS6B6	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
BS6B6S	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
BS6B8	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
BS6C10	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BS6C6	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BS6C8	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BSF1A8	RHT/192840002	RHT/192840014	AT/192820002	AT/192820015
BSF4A10	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
BSF4A6	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
BSF4B10	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001

"RHT" APPROVED TOOLS CHART

Part #	"RHT" Tool 1	"RHT" Tool 2	Pneumatic crimp die 1	Pneumatic crimp die 2
BSF4B6	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
BSF4C10	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
BSF6C10	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
CFR4NA187F	640010800 / RHT-5760 / 192850041		640050800 / AT-5760 / 192830035	
CFR4NB187F	640011100 / RHT-5762 / 192850043		640051100 / AT-5762 / 192830037	
CFR4NC250F	RHT/192850023		AT/192830020	
CM4TNA187F	RHT-5761 / 19285-0042 / 64001-2600		AT-5761 / 19283-0036 / 64005-2600	
CM4TNB187F	RHT-5761 / 19285-0042 / 64001-2600		AT-5761 / 19283-0036 / 64005-2600	
CM4TNC250F	640015100/RHT-2264/192850024		640055100/AT-2264/192830021	
FLFR1A187	RHT/192840031		AT/192820025	
FLFR1A250	RHT/192840031		AT/192820025	
FLFR1B187	RHT/192840031		AT/192820025	
FLFR1B250	RHT/192840031		AT/192820025	
FLFR6A187BF	RHT/192850060		AT/192830054	
FLFR6A250BF	RHT/192850060		AT/192830054	
FLFR6A250F	RHT-FIFG/192850063/640014100		AT-FIFG/192830056/640054100	
FLFR6A250F	RHT/192850060		AT/192830054	
FLFR6C250BF	RHT/198031020		AT/198032030	
FLFR6C250F	RHT/198031020		AT/198032030	
FLR1B10	RHT/192840006		AT/192820007	
FR1A110	RHT/192840010		AT/192820011	
FR1A187	RHT/192840010		AT/192820011	
FR1A250	RHT/192840010		AT/192820011	
FR1B110	RHT/192840011	RHT/192840010	AT/192820012	AT/192820011
FR1B187	RHT/192840011	RHT/192840010	AT/192820012	AT/192820011
FR1B250	RHT/192840011	RHT/192840010	AT/192820012	AT/192820011
FR1C250	RHT-1754/192840013/640031300		AT-1754/192820011/640071100	
FR4A110	RHT/192850035		AT/192830028	
FR4A187	RHT/192850035		AT/192830028	
FR4A250	RHT/192850035		AT/192830028	
FR4B110	RHT/192850037		AT/192830030	
FR4B187	RHT/192850037		AT/192830030	
FR4B250	RHT/192850037		AT/192830030	
FR4C250	192850022 / RHT-2251	640010200 / RHT-1991	64005-0200 / AT-1991	640014800 / RHT-2251
FR6A110	RHT/192850035		AT/192830028	
FR6A187	RHT/192850035		AT/192830028	
FR6A250	RHT/192850035		AT/192830028	
FR6B110M	RHT/192850037		AT/192830030	
FR6B187	RHT/192850037		AT/192830030	
FR6B250	RHT/192850037		AT/192830030	
FR6C250	RHT/64001-0200		AT/64005-0200	
LS4A10	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4A6	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4A6S	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4A8	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4B10	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4B6	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4B6S	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4B8	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
LS4C10	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
LS4C6	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
LS4C8	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
MT1A250	RHT/192840001		AT/192820001	
MT1B250	RHT/192840001		AT/192820001	
MT4A187	RHT/192850048		AT/192830043	
MT4A250	RHT/192850008		AT/192830005	
MT4B250	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
MT4C250	RHT-2000			
MT6A250	RHT-1990/64001-0100	RHT-2000 / 19285-0008		
MT6B187				
MT6B250	RHT-1990/64001-0100	RHT-2100 /64001-1400		
MT6C250	RHT-1991 /64001-0200	RHT-2251 / 64001-5900		
R1A10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1A14S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1A6	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1A6S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1A8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B14S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B38	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015

"RHT" APPROVED TOOLS CHART

Part #	"RHT" Tool 1	"RHT" Tool 2	Pneumatic crimp die 1	Pneumatic crimp die 2
R1B56	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B56S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B6	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B6S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1B8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C14S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C38	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C56S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C6M	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C6S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R1C8S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A14S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A56S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A6	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A6S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2A8S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B14S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B38	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B56	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B56S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B6	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B6S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2B8S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2C10	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2C14S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2C38	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2C56	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2C56S	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R2C8	RHT/192840001	RHT/192840014	AT/192820001	AT/192820015
R4A38	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R4A56S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R4A6	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R4A6S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R4A8	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R4B56S	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R4C12	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R4C56	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R4C56S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R4C6	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R4C6S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R4C8S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6A10	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6A14S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6A56S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6A6	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6A6S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6A8	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6A8S	RHT/192850008	RHT/192850004	AT/192830005	AT/192830001
R6B10	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B14S	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B38	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B56S	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B6	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B6S	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B8	RHT/192850013	RHT/192850004	AT/192830009	AT/192830001
R6B8S	RHT/192850016	RHT/192850004	AT/192830010	AT/192830001
R6C10	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C14S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C38	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C50	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C56	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C56S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C6	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C6S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C8	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001
R6C8S	RHT/192850018	RHT/192850004	AT/192830012	AT/192830001

APPROVED WORKING TOOLS FOR FERRULES

PART NO.	SIZE	DESCRIPTION
V 915 	0.14 – 6.00mm ² 2x0.25 – 2x2.50mm ² 28 – 10 AWG 2 x 24 – 12 x 14 AWG	Crimping Pliers for Ferrules • Trapezium formed crimping results • Insertion of contact and wire from the front • Releasable forced locking mechanism • 500g
V 925 	6.00 – 16.00mm ² 2x6.00mm ² 10 – 6 AWG 2 x 10 AWG	Crimping Pliers for Ferrules • Trapezium formed crimping results • Insertion of contact and wire from the front • Releasable forced locking mechanism • 600g
V 947 	0.75 – 10.00mm ² 2x0.50 – 2x4.00mm ² 28-8 AWG 2 x 22 – 2 x 12 AWG	Self-adjusting Crimping Pliers for Ferrules • Square crimp profile realized by synchronously driven crimp jaws • Forced locking system (releasable) guarantees exact and gasproof crimp connections conforming to standards • Automatic self-adjustment • 380g
V 940 	10.00 – 50.00mm ² 2x4.00 – 2x16.00mm ² 8-1 AWG 2 x 12 – 2 x 6 AWG	Crimping Pliers for Ferrules • Trapezoid crimping • Lateral insertion with ratchet • 800g
V 945 	50.00 – 95.00mm ² #1 – 3/0 AWG	Crimping Pliers for Ferrules • Trapezoid crimping • Lateral insertion with ratchet • 800g
V 950 	70.00 – 150.00mm ² 2/0 – 300 MCM	Crimping Pliers for Ferrules (for interchangeable dies) • Head 360° rotates • With telescope handles • Length: approx. 560mm infinitely variable to 860mm • 2.500g
V 951	70.00mm ² 2/0 AWG	Crimping die for V 950 • Trapezoid crimping, width 20mm
V 952	95.00mm ² 3/0 AWG	Crimping die for V 950 • Trapezoid crimping, width 20mm
V 953	120.00mm ² 4/0 AWG	Crimping die for V 950 • Trapezoid crimping, width 20mm

ERGONOMIC "RATCHET ACTION TOOLS"

The wide range of ElecDirect ratchet crimping tools are the finest quality for wiring professionals. Each tool features smooth, ergonomically designed handles for comfort and performance.

The interchangeable die sets crimp a wide variety of terminals of different wire gauges. The precise ratchet action is responsive and only releases when optimum crimping torque is achieved.* Insist on ElecDirect for quality and value.



(Not exactly as shown)

Ratchet Kit

RAT-KIT This kit contains our five most popular crimping die sets. Dies are easily changed with a couple of screws. The RAT-KIT provides quick and flexible crimping alternatives for the wiring professional. Never be caught short on a job because you don't have the right tool!

The RAT-KIT contains the following 5 die sets:

1. Die # D-PVC for PVC insulated terminals (specifications per RAT-PVC above)
2. Die # D-NINS for non-insulated terminals (specifications per RAT-NINS above)
3. Die # D-DISC for disconnect terminals (specifications per RAT-DISC above)
4. Die # D-FER for ferrules (specifications per RAT-FER on next page)
5. Die # D-NYL for nylon insulated terminals (specifications for RAT-NYL above)



Individual tools come in their own carrying case.



Flag Terminals

RAT-FLAG Crimp all Nylon insulated flag terminals with a single crimp. The double nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm²)
2. 16-14 AWG (2 mm²)



PVC Terminals

RAT-PVC Crimp all PVC insulated terminals with a single and double crimp. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm²)
2. 16-14 AWG (2 mm²)
3. 12-10 AWG (5.5 mm²)



Nylon Terminals

RAT-NYL Crimp all Nylon insulated terminals with a double crimp. The first crimp secures the bare wire conductor. The second crimp secures the wire sheath for superior hold in vibration situations. (NOTE: this tool may also be used on PVC insulated terminals). The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm²)
2. 16-14 AWG (2 mm²)
3. 12-10 AWG (5.5 mm²)



Open Barrel Terminals

RAT-OPBA Crimp all Open Barrel non-insulated terminals with a single crimp. These terminals are common in the automotive and appliance industry. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm²)
2. 16-14 AWG (2 mm²)
3. 12-10 AWG (5.5 mm²)



Disconnect Terminals

RAT-DISC Crimp all Nylon and PVC insulated male or female disconnects (slide terminals) with a single crimp. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm²)
2. 16-14 AWG (2 mm²)
3. 12-10 AWG (5.5 mm²)



Non-Insulated Terminals

RAT-NINS Crimp all non-insulated terminals with a single crimp. The triple nested die allows crimping of wire gauges:

1. 22-18 AWG (1.25 mm²)
2. 16-14 AWG (2 mm²)
3. 12-10 AWG (5.5 mm²)
4. 8 AWG (8 mm²)

***Note:** All terminal manufacturers have their own insulation thicknesses and tolerances. ElecDirect tools are set to "industry average" specifications. It is the responsibility of all installers to check their crimps for safety. ElecDirect will not be held responsible for poor crimps for any reason.

MECHANICAL CRIMPING TOOLS



Copper Lugs & Large Terminals

LUG-12-4 Crimping copper lugs & non-insulated terminals. Extra long handles with ratchet action. **LUG-12-4-HD** Hex die Crimps wire gauges:

- | | |
|-----------------------------------|--------------------------------|
| 1. 12-10 AWG (6 mm ²) | 3. 6 AWG (16 mm ²) |
| 2. 8 AWG (10 mm ²) | 4. 4 AWG (25 mm ²) |

LUG-8-2-INS For Insulated terminals #8-#2 AWG

LUG-8-4 For Heavy Duty non-Insulated terminals #8-#4 AWG

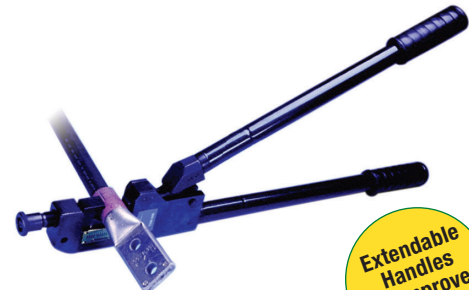


Economy Crimper/Wire Cutter/Stripper

HTS-1000

- Wire cutter
- Crimps insulated terminals
- Bolts cutter
- Crimps non-insulated terminals
- Wire stripper

HTS-2000 For non-insulated flag terminals 22-10 AWG.



#8-500 MCM Compression Tool

TDM500 Dieless mechanical compression tool for both copper and aluminum connectors #8-500 MCM. Unique extendable handles provide increased leverage for 250-500 MCM.

Extendable Handles for Improved Leverage



Crimper/Cutter

453 Made of high quality forged steel, cushion grip handles, crimps insulated and non-insulated terminals from 22-10 AWG. Complete with extra sharp wire cutter.



#8-250 MCM Compression Tool

TDM250 Dieless mechanical compression tool for both copper connectors #8-250 MCM and aluminum connectors #8-4/0. Unique extendable handles provide increased leverage.

Extendable Handles for Improved Leverage

FERRULE CRIMPING TOOLS

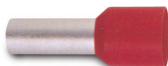


Ratchet Ferrule Tool

RAT-FER Crimp all insulated ferrules with a single crimp and smooth ratchet action. Ferrules turn stranded wire into solid wire. The five nested die allows crimping of wire gauges:

1. 22 AWG (0.5 mm²)
2. 20 AWG (0.75 mm²)
3. 18 AWG (1.0 mm²)
4. 16 AWG (1.5 mm²)
5. 14 AWG (2.5 mm²)
6. 12 AWG (4.0 mm²)

RAT-FER2 10-6 AWG and large twin ferrules



Ferrules come in a variety of sizes. See page B-27

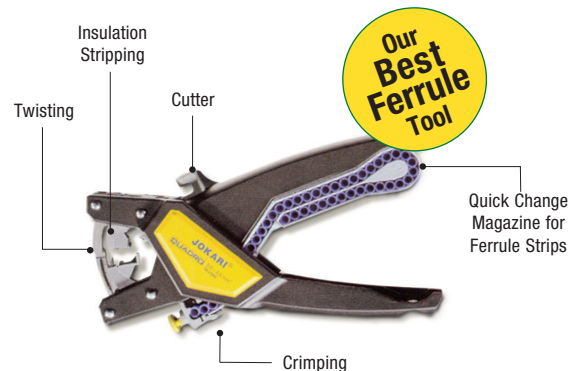
RAT-FER2XL 4 & 2 AWG, X-Large twin ferrules



Spring Plier Ferrule Tool

SPR-FER Our most economical ferrule crimping tool. Crimps wire gauges:

1. 20 AWG (0.75 mm²)
2. 18 AWG (1.0 mm²)
3. 16 AWG (1.5 mm²)
4. 14 AWG (2.5 mm²)
5. 12 AWG (4.0 mm²)
6. 10 AWG (6.0 mm²)
7. 8 AWG (10.0 mm²)



Our Best Ferrule Tool

Four Functions

SPR-JOK This four function ferrule tool cuts wire, strips, twists and crimps. Ferrule replacement strips available 22-14 AWG.

- | | |
|--------------------|-------------------------|
| FERSTR-22WH | 22 AWG White (50/Strip) |
| FERSTR-20GR | 20 AWG Grey (50/Strip) |
| FERSTR-18RD | 18 AWG Red (50/Strip) |
| FERSTR-16BK | 16 AWG Black (50/Strip) |
| FERSTR-14BL | 14 AWG Blue (40/Strip) |

Includes: Carrying case and 3x quick change magazines.