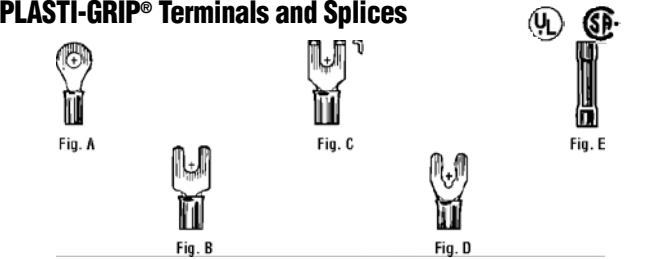


PLASTI-GRIP® Terminals and Splices



Terminals are constructed of high conductivity copper and are tin-plated. Spring spade tongue terminals are constructed of phosphor bronze and are tin-plated. Color-coded vinyl insulation sleeves with a funnel entry for easy wire insertion. UL and CSA rated for 600 V max. (1000 V fixture or sign.) and 90 °C. Bulk packages available, contact your local Allied sales office.

Ring Tongue Terminals — Fig. A

| Stock No. | Mfr.'s Type | Stud Size | Insulation Max. Dia. (In.) | Length (In.) | Width (In.) | PER PKG./100 |       |       |
|-----------|-------------|-----------|----------------------------|--------------|-------------|--------------|-------|-------|
|           |             |           |                            |              |             | 1-4          | 5-9   | 10-24 |
| 512-5008  | 8-34141-1   | 4         | 0.140                      | 0.684        | 0.218       | 39.27        | 35.70 | 32.73 |
| 512-5010  | 8-34142-1   | 6         | 0.140                      | 0.572        | 0.218       | 15.35        | 14.01 | 11.51 |
| 512-5015  | 8-34144-1   | 6         | 0.140                      | 0.809        | 0.218       | 39.27        | 35.70 | 32.73 |
| 512-5020  | 8-34145-1   | 8         | 0.140                      | 0.809        | 0.281       | 23.50        | 21.36 | 19.58 |
| 512-5016  | 8-34148-1   | 8         | 0.140                      | 0.856        | 0.312       | 13.81        | 12.56 | 11.51 |
| 512-5025  | 8-34146-1   | 10        | 0.140                      | 0.809        | 0.281       | 15.35        | 13.81 | 11.51 |
| 512-5028  | 8-34149-1   | 10        | 0.140                      | 0.856        | 0.312       | 26.52        | 24.11 | 22.10 |
| 512-5030  | 8-34150-1   | 1/4"      | 0.140                      | 1.090        | 0.469       | 45.53        | 41.39 | 37.94 |

16-14 AWG — Blue

|          |           |      |       |       |       |       |       |       |
|----------|-----------|------|-------|-------|-------|-------|-------|-------|
| 512-5036 | 8-34157-1 | 4    | 0.170 | 0.715 | 0.250 | 18.77 | 17.06 | 15.64 |
| 512-5035 | 8-34158-1 | 6    | 0.170 | 0.715 | 0.250 | 49.39 | 44.90 | 41.16 |
| 512-5040 | 8-34160-1 | 8    | 0.170 | 0.871 | 0.343 | 23.57 | 21.22 | 17.68 |
| 512-5045 | 8-34161-1 | 10   | 0.170 | 0.871 | 0.343 | 15.35 | 13.81 | 11.51 |
| 512-5120 | 8-34162-1 | 1/4" | 0.170 | 1.090 | 0.469 | 34.41 | 31.29 | 28.68 |

12-10 AWG — Yellow

|           |           |       |       |       |       |       |       |       |
|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|
| 512-5046* | 8-34852-2 | 6     | 0.250 | 0.953 | 0.281 | 32.87 | 29.59 | 26.86 |
| 512-5048  | 8-34853-1 | 8     | 0.250 | 1.083 | 0.375 | 48.43 | 44.03 | 40.36 |
| 512-5050  | 8-34854-1 | 10    | 0.250 | 1.083 | 0.375 | 35.22 | 31.70 | 28.82 |
| 512-5056* | 8-34855-2 | 1/4"  | 0.250 | 1.327 | 0.531 | 11.05 | 9.95  | 8.29  |
| 512-5057* | 8-34172-2 | 3/16" | 0.230 | 1.327 | 0.531 | 11.05 | 9.95  | 8.29  |
| 512-5058* | 8-34856-2 | 3/16" | 0.250 | 1.327 | 0.531 | 38.16 | 34.69 | 31.80 |
| 512-5054* | 8-34173-2 | 3/8"  | 0.230 | 1.421 | 0.593 | 30.64 | 27.86 | 25.53 |
| 512-5059* | 8-34837-2 | 1/2"  | 0.250 | 1.594 | 0.750 | 41.34 | 34.45 | 31.80 |

\*Package of 50.

Spade Tongue Terminals — Fig. B

| Stock No. | Mfr.'s Type | AWG   | Stud Size | Insulation Max. Dia. (In.) | Length (In.) | Width (In.) | PER PKG./100 |       |       |
|-----------|-------------|-------|-----------|----------------------------|--------------|-------------|--------------|-------|-------|
|           |             |       |           |                            |              |             | 1-4          | 5-9   | 10-24 |
| 512-5060  | 8-320665-1  | 22-16 | 6         | 0.140                      | 0.765        | 0.297       | 15.35        | 13.81 | 11.51 |
| 512-5065  | 8-34155-1   | 22-16 | 8         | 0.140                      | 0.920        | 0.375       | 30.44        | 27.67 | 25.36 |
| 512-5066  | 8-34156-1   | 22-16 | 10        | 0.140                      | 0.920        | 0.375       | 39.27        | 35.70 | 32.73 |
| 512-5080  | 8-322994-1  | 16-14 | 6         | 0.140                      | 0.765        | 0.297       | 14.30        | 12.87 | 10.73 |
| 512-5082  | 8-34166-1   | 16-14 | 8         | 0.170                      | 0.920        | 0.375       | 25.26        | 22.96 | 21.05 |
| 512-5085  | 8-34167-1   | 16-14 | 10        | 0.170                      | 0.920        | 0.375       | 39.27        | 35.70 | 32.73 |
| 512-5092  | 8-34176-1   | 12-10 | 10        | 0.230                      | 1.095        | 0.406       | 48.43        | 44.03 | 40.36 |

Flanged Spade Tongue Terminals — Fig. C

|           |            |       |    |       |       |       |       |       |       |
|-----------|------------|-------|----|-------|-------|-------|-------|-------|-------|
| 512-5070  | 8-322249-1 | 22-16 | 6  | 0.140 | 0.749 | 0.296 | 21.87 | 19.88 | 18.22 |
| 512-5072  | 8-324169-1 | 22-16 | 8  | 0.140 | 0.842 | 0.416 | 58.26 | 52.97 | 48.55 |
| 512-5074  | 8-328516-1 | 22-16 | 10 | 0.140 | 0.749 | 0.296 | 83.76 | 76.15 | 69.80 |
| 512-5094  | 8-324165-1 | 16-14 | 6  | 0.170 | 0.749 | 0.294 | 16.59 | 14.93 | 12.44 |
| 512-5096* | 8-324581-2 | 10-12 | 6  | 0.230 | 1.017 | 0.296 | 45.45 | 41.32 | 37.88 |
| 512-5076* | 8-324172-2 | 10-12 | 8  | 0.230 | 1.017 | 0.416 | 8.28  | 7.53  | 6.90  |

Short Spring Spade Tongue Terminals — Fig. D

|          |           |       |   |       |       |       |       |       |       |
|----------|-----------|-------|---|-------|-------|-------|-------|-------|-------|
| 512-5097 | 8-52947-1 | 22-16 | 4 | 0.140 | 0.811 | 0.203 | 46.21 | 42.01 | 38.51 |
| 512-5005 | 8-52949-1 | 22-16 | 6 | 0.140 | 0.811 | 0.250 | 46.21 | 42.01 | 38.51 |
| 512-5098 | 8-52950-1 | 22-16 | 8 | 0.140 | 0.872 | 0.375 | 55.37 | 50.33 | 46.14 |

\*Package of 50.

Butt Splices — Fig. E

| Stock No. | Mfr.'s Type | AWG   | Insulation Max. Dia. (In.) | Length (In.) | PER PKG./100 |       |       |
|-----------|-------------|-------|----------------------------|--------------|--------------|-------|-------|
|           |             |       |                            |              | 1-4          | 5-9   | 10-24 |
| 512-5135  | 8-34070-1   | 22-16 | 0.140                      | 1.065        | 16.08        | 14.61 | 13.40 |
| 512-5140  | 8-34071-1   | 16-14 | 0.170                      | 1.065        | 17.86        | 16.08 | 13.40 |
| 512-5000  | 8-34072-1   | 12-10 | 0.230                      | 1.160        | 24.99        | 22.72 | 20.83 |

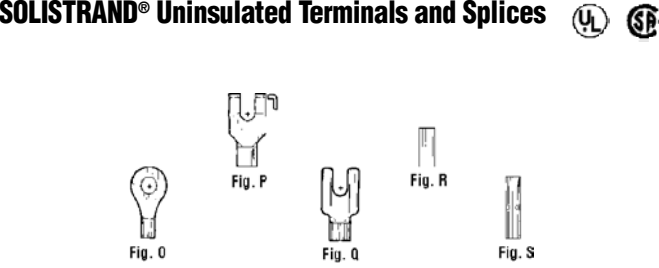


Terminal Kits

Contain 20 different terminals and splices; 25 of each, for a 500 piece kit. The PLASTI-GRIP® kit includes a SUPER CHAMP® hand tool. The PIDG® kit includes a SUPER CHAMP HAND TOOL IV®. Enclosed in a compartmented steel carrying case.

|                                           |                |
|-------------------------------------------|----------------|
| 512-9230. 608029-1. PLASTI-GRIP® Kit..... | PER KIT 235.97 |
| 512-9235. 608028-1. PIDG® Kit.....        | PER KIT 114.44 |

SOLISTRAND® Uninsulated Terminals and Splices



Constructed of fine grade high conductivity copper (spring spade terminals are constructed of phosphor bronze) and tin-plated. These feature a brazed seam, dimples or serrations inside the barrel and a bell-shaped barrel entrance. Meets or exceeds the requirements of MIL-T-7928, type 1, class 1 and 2. UL listed and CSA certified. Bulk packages available, contact your local Allied sales office.

Ring Tongue Terminals — Fig. O

| Stock No. | Mfr.'s Type | AWG   | Stud Size | Length (In.) | Width (In.) | Pkg. Size | PER PKG. |       |       |
|-----------|-------------|-------|-----------|--------------|-------------|-----------|----------|-------|-------|
|           |             |       |           |              |             |           | 1-4      | 5-9   | 10-24 |
| 512-5182  | 8-34105-1   | 22-16 | 6         | 0.449        | 0.218       | 100       | 16.71    | 15.19 | 13.79 |
| 512-5278  | 8-34110-1   | 22-16 | 6         | 0.621        | 0.312       | 100       | 25.89    | 21.18 | 19.41 |
| 512-5280  | 8-34111-1   | 22-16 | 8         | 0.625        | 0.312       | 100       | 28.21    | 25.65 | 23.51 |
| 512-5184  | 8-34108-1   | 22-16 | 8         | 0.574        | 0.281       | 100       | 20.46    | 18.60 | 16.88 |
| 512-5282  | 8-34112-1   | 22-16 | 10        | 0.625        | 0.312       | 100       | 27.21    | 24.74 | 22.68 |
| 512-5284  | 8-34113-1   | 22-16 | 1/4"      | 0.855        | 0.469       | 100       | 32.48    | 29.52 | 27.06 |
| 512-5286  | 8-34120-1   | 16-14 | 6         | 0.450        | 0.250       | 100       | 24.72    | 22.48 | 20.60 |
| 512-5288  | 8-324955-1  | 16-14 | 8         | 0.590        | 0.312       | 100       | 13.31    | 11.97 | 9.98  |
| 512-5289  | 8-34122-1   | 16-14 | 8         | 0.636        | 0.343       | 100       | 36.62    | 33.29 | 30.52 |
| 512-5290  | 8-34123-1   | 16-14 | 10        | 0.636        | 0.343       | 100       | 10.02    | 9.82  | 7.51  |
| 512-5292  | 8-34124-1   | 16-14 | 1/4"      | 0.855        | 0.469       | 100       | 37.39    | 33.99 | 31.16 |
| 512-5296  | 8-33457-1   | 12-10 | 10        | 0.760        | 0.375       | 100       | 35.17    | 31.97 | 29.31 |
| 512-5298  | 8-33458-2   | 12-10 | 1/4"      | 1.004        | 0.531       | 50        | 7.33     | 6.60  | 5.50  |

Flanged Spade Tongue Terminals — Fig. P

|          |            |       |   |       |       |     |       |       |       |
|----------|------------|-------|---|-------|-------|-----|-------|-------|-------|
| 512-5301 | 8-320749-1 | 22-16 | 6 | 0.514 | 0.296 | 100 | 36.50 | 33.18 | 30.41 |
| 512-5303 | 8-320856-1 | 16-14 | 8 | 0.514 | 0.294 | 100 | 12.99 | 11.69 | 9.74  |

Spade Tongue Terminals — Fig. Q

|          |            |       |   |       |       |     |       |       |       |
|----------|------------|-------|---|-------|-------|-----|-------|-------|-------|
| 512-5305 | 8-36195-1  | 22-16 | 6 | 0.530 | 0.297 | 100 | 24.17 | 21.98 | 20.14 |
| 512-5307 | 8-323127-1 | 22-16 | 6 | 0.623 | 0.250 | 100 | 25.81 | 23.46 | 21.51 |
| 512-5313 | 8-32995-1  | 12-10 | 8 | 0.772 | 0.406 | 100 | 13.08 | 11.77 | 9.81  |

Parallel Splices — Fig. R

When using two or more wires in a parallel splice, the combined cross sectional area must be within the circular mil area (CMA) listed.

| Stock No. | Mfr.'s Type | AWG   | CMA          | Length (In.) | Pkg. Size | PER PKG. |       |       |
|-----------|-------------|-------|--------------|--------------|-----------|----------|-------|-------|
|           |             |       |              |              |           | 1-4      | 5-9   | 10-24 |
| 512-5331  | 8-34130-1   | 22-16 | 509-3,260    | 0.301        | 100       | 34.99    | 31.81 | 29.15 |
| 512-5333  | 8-34137-1   | 16-14 | 2,050-5,180  | 0.301        | 100       | 16.87    | 15.15 | 13.75 |
| 512-5335  | 8-34138-2   | 12-18 | 5,180-13,100 | 0.343        | 50        | 20.67    | 18.79 | 17.22 |

Standard Butt Splices — Fig. S

|          |           |       |              |       |     |       |       |       |
|----------|-----------|-------|--------------|-------|-----|-------|-------|-------|
| 512-5337 | 8-31818-1 | 22-16 | 509-3,260    | 0.591 | 100 | 22.89 | 20.81 | 19.07 |
| 512-5339 | 8-31819-1 | 16-14 | 2,050-5,180  | 0.572 | 100 | 12.14 | 10.11 | 9.24  |
| 512-5341 | 8-32151-2 | 12-10 | 5,180-13,100 | 0.567 | 50  | 10.13 | 9.12  | 7.60  |

See page 420 for terminal and splice crimp tools.

PRO CRIMPER™II, PIDG® and PLASTI-GRIP® Terminal Kit

Includes hand tool, 225 ring and spade terminals in 12-10, 16-14 and 22-16 AWG wire sizes.

|                        |                |
|------------------------|----------------|
| 512-9236. 55823-1..... | PER KIT 127.50 |
|------------------------|----------------|



Cold Shrink Tape

This is an all purpose insulating and sealing tape which bonds itself permanently, water seals, has better insulating qualities than electrical tape and is ideal for "buried" applications.

| Stock No. | Mfr.'s Type | Description    | EACH  |       |       |
|-----------|-------------|----------------|-------|-------|-------|
|           |             |                | 1-9   | 10-24 | 25-49 |
| 512-0001  | 605262-1    | 1" × 10' Black | 8.51  | 7.51  | 6.26  |
| 512-0004  | 605262-2    | 2" × 30' Black | 51.16 | 46.51 | 42.64 |

Electrical Repair Kit

Clear plastic case contains 104 assorted terminals and a SUPER CHAMP Crimping Tool IV®.



|                                                |               |
|------------------------------------------------|---------------|
| 512-9211. 314974-1. Electrical Repair Kit..... | PER KIT 50.12 |
|------------------------------------------------|---------------|