

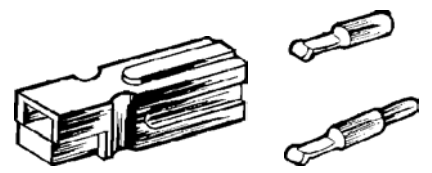
PowerPole® Connectors

Powerpole® connector modules feature a single pole, genderless connector half. This module consists of a color-coded housing and a silver-plated, crimp-type contact. The module is designed to mate with another identical module. The housing is durable, high-impact resistant polycarbonate (UL94V rated resin). An internal stainless steel leaf spring forces

contacts to maintain constant pressure. The contacts are sold separately and are made from highly conductive silver-plated copper. UL recognized file No. E26226. CSA certified file No. LR25154. Powerpole® is a registered trademark of Anderson Power Products.

ISO 9001 Certified

PP15/45 Connectors



- ▶ 0.32" × 0.32" × 0.97" Housing
- ▶ 1.63" Length for a Mated Set

| Stock No. | Mfr.'s Type | Color  | EACH |         |
|-----------|-------------|--------|------|---------|
|           |             |        | 1-99 | 100-999 |
| 803-0100  | 1327G6      | Black  | .31  | .24     |
| 803-0101  | 1327G8      | Blue   | .37  | .28     |
| 803-0102  | 1327G21     | Brown  | .37  | .28     |
| 803-0103  | 1327G18     | Gray   | .37  | .28     |
| 803-0104  | 1327G5      | Green  | .37  | .28     |
| 803-0105  | 1327G17     | Orange | .51  | .40     |
| 803-0108  | 1327        | Red    | .37  | .28     |
| 803-0109  | 1327G7      | White  | .37  | .28     |
| 803-0110  | 1327G16     | Yellow | .37  | .28     |

Contacts 15 to 45 Amp

| Stock No. | Mfr.'s Type | Description | Wire AWG | EACH |         |
|-----------|-------------|-------------|----------|------|---------|
|           |             |             |          | 1-99 | 100-999 |
| 803-0120  | 1332        | For 15 Amp  | 16-20    | .30  | .21     |
| 803-0125  | 1331        | For 30 Amp  | 12-16    | .27  | .19     |
| 803-5522  | 261G2LPBK   | For 45 Amp  | 10       | .41  | .35     |

Contacts 25 Amp PCB

|          |        |                  |   |     |     |
|----------|--------|------------------|---|-----|-----|
| 803-0126 | 1377G4 | Straight 1.72"   | — | .69 | .60 |
| 803-0127 | 1377G3 | Straight 2.16"   | — | .69 | .60 |
| 803-0128 | 1377G2 | Right Angle .400 | — | .69 | .60 |
| 803-0129 | 1377G1 | Right Angle .700 | — | .69 | .60 |

PP75 Connectors

- ▶ 0.63" × 0.63" × 1.88" Housing
- ▶ 3.20" Length for Mated Set

| Stock No. | Mfr.'s Type | Color | EACH |       |
|-----------|-------------|-------|------|-------|
|           |             |       | 1-24 | 25-99 |
| 803-0200  | 5916G4      | Black | 1.07 | .83   |
| 803-0202  | 5916        | Blue  | 1.25 | .97   |
| 803-0206  | 5916G6      | Green | 1.45 | 1.12  |
| 803-0208  | 5916G7      | Red   | 1.45 | 1.12  |
| 803-0210  | 5916G5      | White | 1.45 | 1.12  |

Contacts 75 Amp

| Stock No. | Mfr.'s Type | Description        | EACH |       |
|-----------|-------------|--------------------|------|-------|
|           |             |                    | 1-24 | 25-99 |
| 803-0215  | 5900        | For 6 AWG wire     | .78  | .61   |
| 803-0220  | 5915        | For 10-12 AWG wire | 1.54 | 1.20  |

Tools 15 to 45/75 Amp Connectors

| Stock No. | Mfr.'s Type | Description                                                           | EACH   |
|-----------|-------------|-----------------------------------------------------------------------|--------|
| 803-0300  | 111038G2    | Insertion/extraction tool                                             | 18.71  |
| 803-0311  | 1351G1      | 15/30/45, 12-20 AWG, 4 pt. crimp tool, non-cycle and cycle controlled | 161.52 |
| 803-0326  | 1352G1      | 75A/50A, 6-10 AWG, 4 pt. crimp tool, cycle controlled                 | 204.02 |

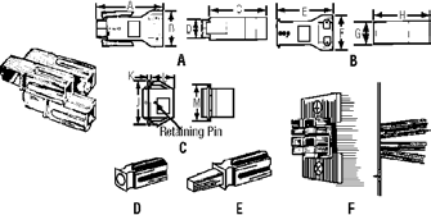
PP120 Contacts

|          |        |                       |      |
|----------|--------|-----------------------|------|
| 803-1319 | 1319G6 | PP120 Contacts, 6 AWG | 3.52 |
| 803-1329 | 1319G4 | PP120 Contacts, 4 AWG | 3.52 |
| 803-1339 | 1319   | PP120 Contacts, 2 AWG | 2.67 |

PP120 Housings

|          |        |                        |      |
|----------|--------|------------------------|------|
| 803-1321 | 1321   | PP120, Housing — Blue  | 4.52 |
| 803-1301 | 1321G1 | PP120, Housing — Black | 4.71 |
| 803-1311 | 1321G2 | PP120, Housing — White | 4.52 |
| 803-1331 | 1321G3 | PP120, Housing — Red   | 4.52 |
| 803-1341 | 1321G4 | PP120, Housing — Green | 4.52 |

Power Pole® PAK and Accessories



The connector modules have dovetail locking grooves molded into the housing. The housing can be assembled to form a multi-pole connector.

Powerpole® PAK, 15 to 45 Amp

| Stock No. | Mfr.'s Type | Fig. | Description                        | EACH |       |
|-----------|-------------|------|------------------------------------|------|-------|
|           |             |      |                                    | 1-24 | 25-99 |
| 803-0140  | 1460G1      | A    | 4 Pole plug housing with latch     | 1.24 | .97   |
| 803-0142  | 1460G2      | A    | 6 Pole plug housing with latch     | 1.53 | 1.19  |
| 803-0144  | 1461G1      | B    | 4 Pole plug housing without latch  | 1.36 | 1.06  |
| 803-0146  | 1461G2      | B    | 6 Pole plug housing without latch  | 1.53 | 1.19  |
| 803-0148  | 1470G1      | C    | 4 Pole snap-in receptacle*         | 1.31 | 1.03  |
| 803-0150  | 1470G2      | C    | 6 Pole snap-in receptacle**        | 1.61 | 1.26  |
| 803-0152  | 1399G1      | D    | Short spacer key, red              | .58  | .47   |
| 803-0153  | 1399G2      | E    | Long spacer key, red               | .36  | .28   |
| 803-0155  | 115G1       | —    | Cable clamp hardware pack (4 hole) | .88  | .70   |
| 803-0156  | 115G2       | —    | Cable clamp hardware pack (6 hole) | 1.01 | .79   |
| 803-0158  | 110G9       | —    | Snap-in receptacle retaining pin   | .21  | .13   |

\*Panel knockout size 1.00" × 1.25". \*\*Panel knockout size 1.00" × 1.62".

| Stock No. | Mfr.'s Type | Fig. | Description                                  | PER SET |       |
|-----------|-------------|------|----------------------------------------------|---------|-------|
|           |             |      |                                              | 1-24    | 25-99 |
| 803-0160  | 1462G1      | F    | Bulkhead 2 or 4 pole mounting clamps (set/2) | 3.03    | 2.40  |
| 803-0162  | 1462G2      | F    | Bulkhead 3 or 6 pole mounting clamps (set/2) | 3.03    | 2.40  |
| 803-0164  | 110G16      | —    | Retaining pin — 1 row of housings            | .29     | .24   |
| 803-0165  | 110G17      | —    | Retaining pin — 2 row of housings            | .31     | .26   |

The SB® Series Connector

2 pole 50, 175, 350 Amp, 600 Volt Connectors



Dimensions

| Mfr.'s Type | A     |      | B     |      | C     |      | D     |      | E     |       | F     |       | G     |      | H     |      | J dia. |     |
|-------------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|-------|------|-------|------|--------|-----|
|             | In.   | mm   | In.   | mm   | In.   | mm   | In.   | mm   | In.   | mm    | In.   | mm    | In.   | mm   | In.   | mm   | In.    | mm  |
| SB 50       | 0.750 | 19.0 | 0.250 | 6.4  | 0.718 | 18.2 | 1.437 | 36.5 | 1.875 | 47.6  | 3.187 | 80.9  | 0.453 | 11.5 | 0.625 | 15.9 | 0.144  | 3.7 |
| SB 175      | 1.125 | 28.5 | 0.437 | 11.0 | 1.093 | 27.8 | 2.187 | 55.6 | 3.125 | 79.4  | 5.250 | 133.3 | 0.750 | 19.0 | 1.000 | 25.4 | 0.265  | 6.7 |
| SB 350      | 1.125 | 28.5 | 1.375 | 35.0 | 1.375 | 35.0 | 2.750 | 69.8 | 4.250 | 108.0 | 7.187 | 182.6 | 1.062 | 27.0 | 1.312 | 33.3 | 0.265  | 6.7 |

- ▶ Single Piece Housing — Unitized Construction Provides Industrial Quality Durability
- ▶ Individually Replaceable Contacts — Enables Safe Replacement of Contacts
- ▶ Spring Loaded Silver Plated Contoured Contacts — Self-Wiping Cleaning Action Assures Greater Conductivity and Longer Life
- ▶ Polycarbonate Housing — Non-Conductive Material Can Be Used Safely With Industrial Batteries
- ▶ Mechanically Keyed and Color Identified — Prevents Mismatching of Voltage

The SB® Connector was designed by Anderson Power Products® and has 30 years performance on electric vehicles. Other applications include quick disconnect for computer systems, uninterruptible power and power distribution systems.

SB® 50 Series Connectors 2-Pole

Housings with Springs and 2 Contacts

| Stock No. | Mfr.'s Type | Color | Wire AWG | Cable Well Dia. |       | EACH |
|-----------|-------------|-------|----------|-----------------|-------|------|
|           |             |       |          | In.             | mm    |      |
| 803-0400  | 6319        | Gray  | 6        | 0.221           | 5.613 | 4.77 |
| 803-0402  | 6319G1      | Gray  | 10-12    | 0.136           | 3.454 | 5.30 |
| 803-0404  | 6331G1      | Red   | 6        | 0.221           | 5.613 | 4.77 |
| 803-0406  | 6331G2      | Red   | 10-12    | 0.136           | 3.454 | 4.54 |

Housings with Springs (No Contacts)

|          |       |      |   |   |   |      |
|----------|-------|------|---|---|---|------|
| 803-0408 | 992   | Gray | — | — | — | 2.51 |
| 803-0410 | 992G1 | Red  | — | — | — | 2.85 |

SB® 50 Series Connectors 2-Pole (continued)

Contacts (Sets/2)

| Stock No. | Mfr.'s Type | Color | Wire AWG | Cable Well Dia. |       | EACH |
|-----------|-------------|-------|----------|-----------------|-------|------|
|           |             |       |          | In.             | mm    |      |
| 803-0412  | 903G1       | —     | 6        | 0.221           | 5.613 | 2.30 |
| 803-0414  | 904G1       | —     | 10-12    | 0.136           | 3.454 | 2.29 |

SB® 175 Series Connectors 2-Pole

Housings with Springs and 2 Contacts

|          |        |        |     |       |        |      |
|----------|--------|--------|-----|-------|--------|------|
| 803-0416 | 6325G1 | Gray   | 1/0 | 0.437 | 11.099 | 8.47 |
| 803-0418 | 6326G1 | Blue   | 1/0 | 0.437 | 11.099 | 8.96 |
| 803-0420 | 6327G1 | Orange | 1/0 | 0.437 | 11.099 | 8.96 |
| 803-0422 | 6328G1 | Yellow | 1/0 | 0.437 | 11.099 | 8.96 |
| 803-0424 | 6329G1 | Red    | 1/0 | 0.437 | 11.099 | 8.96 |

Contacts (Sets/2)

|          |     |   |     |       |        |      |
|----------|-----|---|-----|-------|--------|------|
| 803-0436 | 944 | — | 1/0 | 0.437 | 11.099 | 5.74 |
|----------|-----|---|-----|-------|--------|------|

SB® 350 Series Connectors 2-Pole

Housings with Springs and 2 Contacts

|          |        |      |     |       |        |       |
|----------|--------|------|-----|-------|--------|-------|
| 803-0450 | 6320G1 | Gray | 2/0 | 0.484 | 12.294 | 12.80 |
| 803-0454 | 6320G2 | Gray | 4/0 | 0.641 | 16.281 | 12.80 |

SB® 350 Series Connectors 2-Pole (continued)

Housings with Springs and 2 Contacts (continued)

| Stock No. | Mfr.'s Type | Color  | Wire AWG | Cable Well Dia. |        | EACH  |
|-----------|-------------|--------|----------|-----------------|--------|-------|
|           |             |        |          | In.             | mm     |       |
| 803-0458  | 6321G1      | Blue   | 2/0      | 0.484           | 12.294 | 12.80 |
| 803-0460  | 6321G5      | Blue   | 3/0      | 0.578           | 14.681 | 12.80 |
| 803-0466  | 6322G1      | Red    | 2/0      | 0.484           | 12.294 | 12.80 |
| 803-0470  | 6322G2      | Red    | 4/0      | 0.641           | 16.281 | 12.80 |
| 803-0474  | 6323G1      | Yellow | 2/0      | 0.484           | 12.294 | 12.80 |
| 803-0478  | 6323G2      | Yellow | 4/0      | 0.641           | 16.281 | 12.80 |

Contacts (Sets/2)

|          |     |   |     |       |        |       |
|----------|-----|---|-----|-------|--------|-------|
| 803-0500 | 907 | — | 2/0 | 0.484 | 12.294 | 10.39 |
| 803-0502 | 916 | — | 3/0 | 0.578 | 14.681 | 11.54 |
| 803-0504 | 908 | — | 4/0 | 0.641 | 16.281 | 11.54 |

Crimp Tools

| Stock No. | Mfr.'s Type | For Use With       | Description         | EACH    |
|-----------|-------------|--------------------|---------------------|---------|
| 803-0326  | 1352G1      | SB® 50 Series      | Manual Hand Tool    | 204.02  |
| 803-0508  | 1368        | SB® 175/350 Series | Hydraulic Hand Tool | 2840.02 |