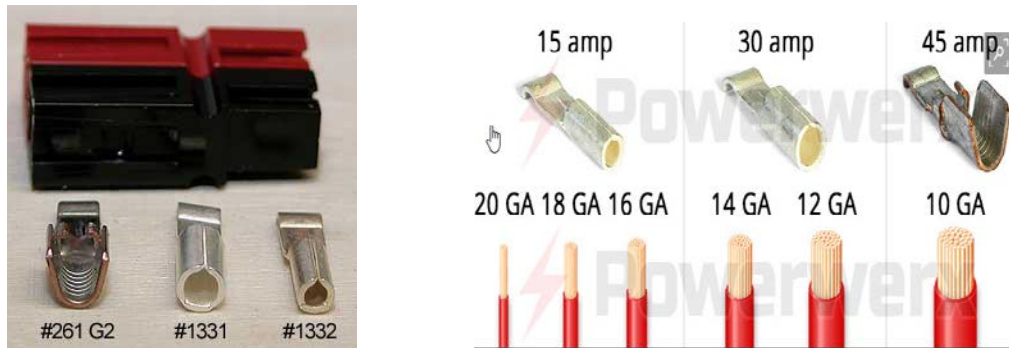


# ANDERSON POWERPOLE CONNECTORS

One housing design (15/30/45), **THREE** contact options



## CONTACT ASSEMBLY

1. Square off the wire ends
2. Split conductors back about 1/2 inch
3. Strip conductors back approximately 5/16 inch
4. If stranded wire, twist the bundle to avoid whiskers
5. NO NEED TO TIN the ends
6. Insert conductor into contact. Should be flush and wire should barely be seen out front of contact
7. Verify that there isn't an excess amount of conductor exposed at end of contact. It should be almost if not flush with insulation
8. **ORIENTATION: RED housing on LEFT and BLACK housing on RIGHT** (Facing contacts with hood on top)



## POWERPOLE STANDARDS

- Able to handle at 30 or 45 amps continuous (using the same connector shell, just different pins)
- Able to mate and un-mate quickly and easily without excessive force or the need for tools
- Able to maintain a reliable connection via friction to permit cables moved around during field operations.
- Grip the attached wire securely with recessed pins, with no exposure of the power conductors to prevent accidental electrical shorts.
- Can be assembled with a standard crimping tool (TRICrimp)
- Silver plated copper pins for corrosion resistant connectors.
- Self-wiping design provides good electrical contact.
- Small, lightweight and comprised of only three parts (black connector shell, red connector shell, and the contact pins). The connector is genderless and works for **both** the power and radio ends of the cable connection.

## SOME VENDORS

<http://www.powerwerx.com>

<http://www.races.net/sca/powrpole.html>

<http://www.gigaparts.com>

<http://www.hamradio.com>