

ARES® / R.A.C.E.S. / Public Service

Standardized DC Power Connector

- Manufacturer installed "T" connectors should not be removed from VHF or VHF/UHF mobile transceivers. This may adversely affect the units' value.
- Standardized Anderson Powerpoles should be installed at the power cord to DC power source interface. The fuses in both legs of the power cord should be retained.
- Use of roll pin to lock housing together is not recommended. Has a tendency to fall out with use. Use a small amount of super glue quick set adhesive.

Powerpole configuration

15/45 amp Modular Housing

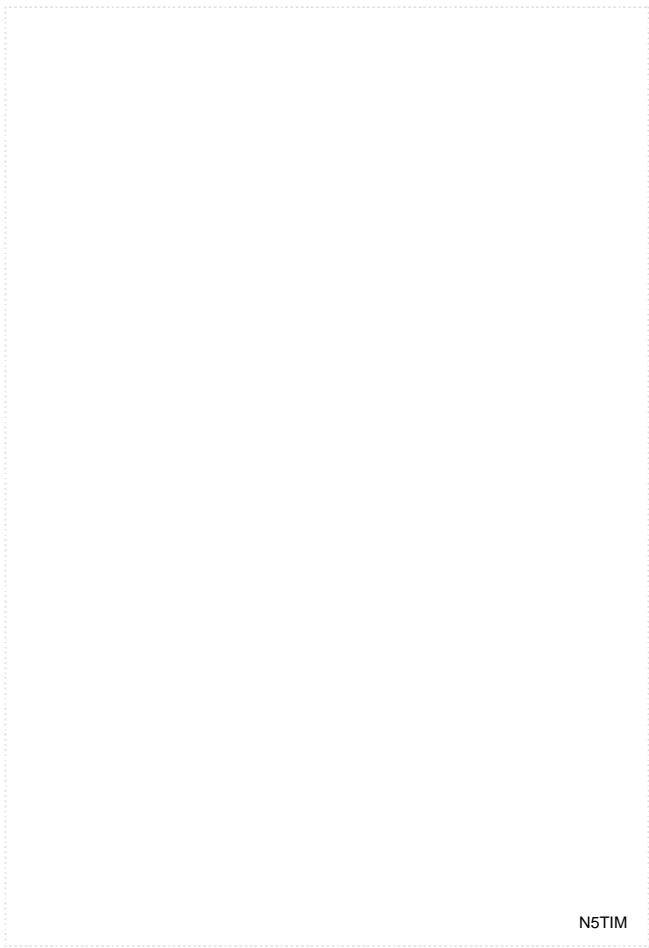
Red= + Black= -



- Housings should be mated per the diagram above, viewed from the contact side (opposite the wire side), tongue down, hood up, RED on the LEFT, BLACK on the RIGHT.
- Housing accommodates 15, 30 or 45 Amp contacts.
- 15 Amp contacts accommodate 16 AWG or smaller wire.
- 30 Amp contacts accommodate 16 to 12 AWG wire.
- 45 Amp contacts accommodate 14 to 10 AWG wire.
- Trim 5/16" insulation from wire end.

Wire size (AWG)	20	18	16	14	12	10
Current Capacity (amps)	5	8	12	18	24	40

Note: For runs over 15 feet, choose the next wire size if current at maximum for wire size.



N5TIM