Amphenol Energy Technologies - Amphenol EEC, Inc.

Installation and crimping instructions for terminating ground contact with 8 AWG conductor in 100 Amp Neptune Receptacle Mounted Connectors NR, NRBA and NRBS.

Product Series: Amphenol Neptune Series.

Scope:

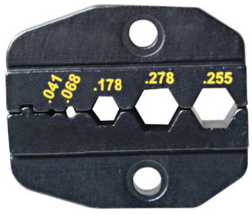
- 100 Amps devices NR-10033, NR-10034, NR-10044, NR-10045, NRBA-10033, NRBA-10034, NRBA-10044, NRBA-10045, NRBS-10033, NRBS-10034, NRBS-10044, NRBS-10045

- For use **ONLY** when the ground contact needs to be terminated onto 8 AWG conductor.

Materials and Tools:

- Bare ferrule for 4 AWG YF0425UI. Manufactured by BURNDY.
- Crimp frame model CP-336FM and die model 99PK-3003D28 (outlined below). Manufactured and supplied by Professional Grade Tools Pro'sKit.
- An alternate option to crimp ferrule is: Indent Crimp Tool Pneumatic model WA23 with crimp die WA23-4. Supplied by DANIELS MANUFACTURING CORPORATION.

Uninsulated Ferrule wire size 4AWG
Part# YF0425UI



Die Model: 99PK-3003D28

Lunar Series Crimp Frame
Model: CP-336FM

Procdedure:

- Strip 2 inches of the 8 AWG cable and bend the striped strands in half to install ferrule.

- Once ferrule is installed then crimp ferrule using the tools suggested above.